

**Virch, Stephen**

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**From:** Vollrath, Jennifer  
**Sent:** Wednesday, April 12, 2017 11:21 AM  
**To:** Landry, Jean; McCallum, Barry  
**Cc:** White, Andrea; Wysocki, Roger; Moore, Wayne; Virch, Stephen s.19(1)  
**Subject:** RE: Pacific Trawl Charter Contract update s.21(1)(b)

Jean [REDACTED]

**Vessel A is required to complete the following surveys (72 days total):**

- 1) West Coast Vancouver Island Multispecies Small-mesh Bottom Trawl Survey. 16 days duration to be completed between May 1 and May 20, 2017.
- 2) Hecate Strait Synoptic Bottom Trawl Survey. 28 days duration to be completed between May 18 and June 24, 2017.
- 3) Pacific Hake Acoustic-Trawl Survey. 28 days to be completed between August 14 and September 15, 2017.

**Vessel B is required to complete the following surveys (74 days total):**

- 4) Summer Strait of Georgia Juvenile Salmon Survey. 16 days to be completed between June 16 and July 5, 2017.
- 5) Summer West Coast Vancouver Island Juvenile Salmon Survey. 14 days to be completed between July 6 and July 19, 2017.
- 6) West Coast of Vancouver Island Pelagic Ecosystem Night Trawl Survey. 14 days to be completed between July 20 and August 3, 2017.
- 7) Fall Strait of Georgia Juvenile Salmon Survey. 16 days to be completed between September 9 and September 29, 2017.
- 8) Fall Queen Charlotte Sound/West Coast Vancouver Island Juvenile Salmon Survey. 14 days to be completed between September 25 and October 13, 2017.

Please note that this is Year 1 of the charter(s) situation in the Pacific. [REDACTED]  
[REDACTED]

Happy to discuss further if you require further info.

Best,  
Jennifer

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**From:** Landry, Jean  
**Sent:** April-12-17 10:45 AM  
**To:** Vollrath, Jennifer; McCallum, Barry  
**Cc:** White, Andrea; Wysocki, Roger; Moore, Wayne  
**Subject:** RE: Pacific Trawl Charter Contract update

Many thanks Jennifer for sharing this info with me as this has impacts on our fisheries science activities. Do you have the precise list of surveys to which we refer below and expected starting dates?

Barry: as an FYI just in case you would be exposed to discussions about the issue of ship time during your Acting period at HQ. As you know, Wayne's group is leading this matter at HQ.

Jean

**Jean Landry**

Director , Fish Population Science  
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s.21(1)(b)

**De :** Vollrath, Jennifer

**Envoyé :** 12 avril 2017 10:15

**À :** Moore, Wayne <[Wayne.Moore@dfo-mpo.gc.ca](mailto:Wayne.Moore@dfo-mpo.gc.ca)>; Virc, Stephen <[Stephen.Virc@dfo-mpo.gc.ca](mailto:Stephen.Virc@dfo-mpo.gc.ca)>

**Cc :** Landry, Jean <[Jean.Landry@dfo-mpo.gc.ca](mailto:Jean.Landry@dfo-mpo.gc.ca)>; Levesque, Keith <[Keith.Levesque@dfo-mpo.gc.ca](mailto:Keith.Levesque@dfo-mpo.gc.ca)>

**Objet :** FW: Pacific Trawl Charter Contract update

FYI – In addition to Ken's points below I would add:

- the first survey is to start the beginning of May if there is no challenge to the ACAN;
- ADM, EOS budget is risk managing the cost of the charter(s);
- I am in discussions with Ryan Tettamanti (CCG Operational and Financial Planning) regarding the FOP charges for the Ricker.



- The annual operating costs of the Ricker is ~\$4M for 200 days. [The charter cost is \$1.935M + GST for 146 days]

Regards,  
Jennifer

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**From:** Fong, Ken  
**Sent:** April-11-17 6:31 PM  
**To:** Holmes, John; Lowe, Carmel; Kennedy, Eddy  
**Cc:** Vollrath, Jennifer  
**Subject:** Pacific Trawl Charter Contract update

John/Carmel/Eddy,

Here is the latest on the Pacific Trawl Charter contract (aka Ricker contract).

- The ACAN (Advance Contract Award Notice) was posted on the BuyAndSell.gc.ca website this morning. <https://buyandsell.gc.ca/procurement-data/tender-notice/PW-XLV-242-7234>
- It will be a contract with the Canadian Fishing Company for 2 vessels (Nordic Pearl and Sea Crest) to conduct 8 surveys (4 juvenile salmon surveys, small mesh trawl survey (aka shrimp survey), groundfish synoptic trawl, hake acoustic/trawl, and night-time pelagic fish survey). The LaPouse pelagic fish survey will not be taking place as no vessels were interested in conducting it.
- The ACAN closes at 2:00 pm, Pacific Time on April 26. Any company can challenge the contract between now and 2:00 pm April 26. If a company does challenge the contract, they would have to supply two vessels and meet all our requirements including the 38 kHz and 120 kHz transducers. There are no vessels in the region that I'm aware of that have a 120 kHz transducer.

- We still need to make ensure the Nordic Pearl and Sea Crest can meet our minimum requirements so a small team of us will be doing a site visit sometime next week.
- The cost is \$1.935M (not including GST) for 146 days of vessel time.
- We have a provision in the contract that - at the discretion of DFO - we can increase the number of vessel days by about 4 extra days but the total contract cannot exceed \$2M (not including GST) to give us a tiny bit of flexibility if someone needs to add a day or two to their survey.
- This ACAN still falls under the same requisition as the original solicitation and the total budget for it is \$2.2M including GST. It means we will come in under budget by at least \$100K.

Ken Fong

Marine Invertebrate Biologist  
Aquatic Resources, Research, and Assessment Division (ARRAD), Science Branch  
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**Virco, Stephen**

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**From:** Moore, Wayne  
**Sent:** Thursday, April 27, 2017 10:08 AM  
**To:** Vollrath, Jennifer; Virco, Stephen; Levesque, Keith  
**Subject:** RE: Pacific Trawl Charter Contract update#2

thanks

-----Original Message-----

From: Vollrath, Jennifer  
Sent: Thursday, April 27, 2017 10:07 AM  
To: Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>; Virco, Stephen <Stephen.Virco@dfo-mpo.gc.ca>; Levesque, Keith <Keith.Levesque@dfo-mpo.gc.ca>  
Subject: RE: Pacific Trawl Charter Contract update#2

RE: Warps

Depends on the region. We (EOS) never paid for them in the Pacific but often get asked in the Atlantic Coast. As for who pays, we both have, it depends on time of year and who has money.

I'd ask CCG what their maintenance and life cycle management plans are for these vessels. This should not be a surprise expense. Warps are bought every 4/5 years so this should be part of their maintenance planning. Given their age, soon Vladykov and Leim will need them as well. Science does not order warps or put them on the vessel - to me these are critical pieces of the fitted equipment to these types of vessels.

Thanks,  
Jen

s.21(1)(b)

-----Original Message-----

From: Moore, Wayne  
Sent: April-27-17 9:29 AM  
To: Vollrath, Jennifer; Virco, Stephen; Levesque, Keith  
Subject: RE: Pacific Trawl Charter Contract update#2

That is great. I think we should bring back an update on the working group work plan and progress on a regular basis to SEC/SECOPs (I have asked it be on the agenda for the next meeting at the end of May).

Let's focus on areas where we can make progress. Also do we have a sense if we have every paid for the warps?

Thanks...Wayne

-----Original Message-----

From: Vollrath, Jennifer  
Sent: Thursday, April 27, 2017 9:04 AM  
To: Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>; Virco, Stephen <Stephen.Virco@dfo-mpo.gc.ca>; Levesque, Keith <Keith.Levesque@dfo-mpo.gc.ca>  
Subject: RE: Pacific Trawl Charter Contract update#2

Yes, given the conditions of the fleet we (National Science At-Sea Committee) are developing best practices and a repository of documentation to streamline the use of charters such as Statements of Work, Technical Bid Evaluation, etc. A positive outcome from our first face-to-face meeting.

Also, please note that this charter is currently being cash managed by ADM EOS

Happy to discuss,  
Jennifer

s.21(1)(b)

-----Original Message-----

From: Moore, Wayne  
Sent: April-27-17 7:58 AM  
To: Vollrath, Jennifer; Virc, Stephen; Levesque, Keith  
Subject: Re: Pacific Trawl Charter Contract update#2

Well done on their part. This is going to be a more frequent occurrence so if there is streamlining possible. We should be thinking about it.

Sent from my BlackBerry 10 smartphone on the Rogers network.

Original Message  
From: Vollrath, Jennifer  
Sent: Thursday, April 27, 2017 6:46 AM  
To: Moore, Wayne; Virc, Stephen; Levesque, Keith  
Subject: FW: Pacific Trawl Charter Contract update#2

FYI - Please note the amount of work it has been for regional Science staff to get a Pacific charter in place - the original RFP failed due to not meeting the technical requirements.

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From: Lowe, Carmel  
Sent: Thursday, April 27, 2017 12:44 AM  
To: Fong, Ken; Holmes, John; Kennedy, Eddy  
Cc: Vollrath, Jennifer  
Subject: Re: Pacific Trawl Charter Contract update#2

Good progress indeed. Thanks for update Ken and will keep fingers crossed final steps unfold without hitches so we can wish you a safe and productive 'bon voyage' for May 3rd.  
Carmel

Sent from my BlackBerry 10 smartphone on the Rogers network.  
From: Fong, Ken  
Sent: Wednesday, April 26, 2017 9:01 PM  
To: Holmes, John; Lowe, Carmel; Kennedy, Eddy  
Cc: Vollrath, Jennifer  
Subject: RE: Pacific Trawl Charter Contract update#2

Hi All,

Here's the latest on the Charter Contract.

The ACAN closed this afternoon and the good news is that there were no challenges to the contract. It means we cleared the biggest hurdle, however, there are a few more steps to complete before we have a signed contract.

1. Complete the Technical Bid Evaluation form. My initial read of the Technical bid document is that they've met our requirements and I'll be sending PSPC the evaluation by Thursday, April 28.
2. The bid needs to be evaluated by PSPC's Cost Analysis branch because it's an ACAN greater than \$1M. It's their role to ensure the government is getting good value and not being over-charged.
3. PSPC will conduct an integrity check on the Board of Directors of the bid company to ensure they are compliant with the Accountability Act.
4. If all the above passes, it's likely we will have signed contract in place by Friday, April 28.
5. Once the signed contract is in place, we will have to sign the Task Authorization.

PSPC will sign the contract and DFO (probably me) will sign the Task Authorization.

Note the first survey is proposed to start on May 3 which is the WCVI small-mesh multispecies bottom trawl survey (aka shrimp survey). This also happens to be my survey.

I don't anticipate any problems, but will let you know when the contract has been signed off.

Ken

From: Fong, Ken  
Sent: Tuesday, April 11, 2017 3:31 PM  
To: Holmes, John; Lowe, Carmel; Kennedy, Eddy  
Cc: Vollrath, Jennifer  
Subject: Pacific Trawl Charter Contract update

John/Carmel/Eddy,

Here is the latest on the Pacific Trawl Charter contract (aka Ricker contract).

- The ACAN (Advance Contract Award Notice) was posted on the BuyAndSell.gc.ca website this morning.  
<https://buyandsell.gc.ca/procurement-data/tender-notice/PW-XLV-242-7234>
- It will be a contract with the Canadian Fishing Company for 2 vessels (Nordic Pearl and Sea Crest) to conduct 8 surveys (4 juvenile salmon surveys, small mesh trawl survey (aka shrimp survey), groundfish synoptic trawl, hake acoustic/trawl, and night-time pelagic fish survey). The LaPerouse pelagic fish survey will not be taking place as no vessels were interested in conducting it.
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- The cost is \$1.935M (not including GST) for 146 days of vessel time.
- We have a provision in the contract that - at the discretion of DFO - we can increase the number of vessel days by about 4 extra days but the total contract cannot exceed \$2M (not including GST) to give us a tiny bit of flexibility if someone needs to add a day or two to their survey.
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Ken Fong

Marine Invertebrate Biologist  
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**Virc, Stephen**

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**From:** Vollrath, Jennifer  
**Sent:** Wednesday, June 7, 2017 4:03 PM  
**To:** Chin, Melanie  
**Cc:** Moore, Wayne; Virc, Stephen; McConnery, Roxanne; Ryan, Patricia  
**Subject:** RE: Vessel Charter (AZMP & AZOMP)

Yes, thank you very much for processing this quickly. Authorizing an expenditure of up to \$2.5M is all in a days work. The region just emailed and expressed their gratitude (and a sigh of relief).

Thanks again,  
*Jen*

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**From:** Chin, Melanie  
**Sent:** June-07-17 3:58 PM  
**To:** Vollrath, Jennifer  
**Cc:** Moore, Wayne; Virc, Stephen; McConnery, Roxanne; Ryan, Patricia  
**Subject:** FW: Vessel Charter (AZMP & AZOMP)

SRS: this has been approved in the system.

thanks

-----Original Message-----

**From:** Vollrath, Jennifer  
**Sent:** 2017-June-07 12:13 PM  
**To:** Chin, Melanie  
**Cc:** Moore, Wayne; Virc, Stephen  
**Subject:** FW: Vessel Charter (AZMP & AZOMP)  
**Importance:** High

s.69(1)(g) re: (a)

Hi Mel,

Science Maritimes Region has entered into ABACUS a requisition for the ADM to approve an RFP for vessel charter(s) for up to \$2.5M - to conduct the Fall AZMP and AZOMP missions while the Hudson is in Vessel Life Extension. ADM approval is required in order to post the charter RFP. This is somewhat time sensitive as the Buyer at the Procurement Hub requires this approval ASAP as the RFP needs to be posted for 20 days. (An automated link may be in Trevor's inbox for this - or someone will need to manually go into ABACUS to facilitate hitting the 'approved' button.)

[REDACTED] You may recall that to date we have spent \$475K on the Coriolis II charter for the Hudson's spring AZMP program.

I am happy to provide a briefing on this if clarification or further information is required.

Thanks,  
*Jen*

-----Original Message-----



From: Vollrath, Jennifer  
Sent: June-02-17 11:10 AM  
To: Moore, Wayne  
Cc: Virc, Stephen; Ryan, Patricia  
Subject: FW: Vessel Charter (AZMP & AZOMP)  
Importance: High

Hi Wayne,

Can you please let ADMO know that the request for ADM approval in ABACUS for these charters will be sought for the revised RFP.

Thanks,  
Jen

From: Curran, Kristian  
Sent: May-29-17 4:56 PM  
To: Vollrath, Jennifer  
Cc: Greenan, Blair  
Subject: RE: Vessel Charter (AZMP & AZOMP)

Thank you Jennifer ... and upper limit has been noted. I may need someone from the DG office to help prioritize this within DFO Hub, but will let you know.

Kristian

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From: Vollrath, Jennifer  
Sent: May 29, 2017 4:45 PM  
To: Curran, Kristian  
Cc: Greenan, Blair  
Subject: RE: Vessel Charter (AZMP & AZOMP) Good afternoon Kristian,

I have spoken with Wayne Moore regarding this change in scope and the required increase in funding for procuring vessel charters for the AZMP and AZOMP missions this field season (2017). You are authorized to proceed on the assumption that it will not exceed the value of \$2.5M CDN.

Please let me know if there is anything else I can do from my end to assist.

Kind regards,  
Jennifer

From: Curran, Kristian  
Sent: May-29-17 3:18 PM  
To: Vollrath, Jennifer  
Cc: Greenan, Blair  
Subject: Vessel Charter (AZMP & AZOMP)  
Importance: High

Hi Jennifer,

I spoke with the DFO Buyer and she said given the broader scope of a combined AZMP/AZOMP charter that we'll need to withdraw our current RFP and resubmit a new RFP for 20-day posting. To do this, I need authorization to commit up

to \$2.5-million dollars for the combined charter (we currently have \$1.2-million dollars for the AZMP only charter).

Please let me know if we have DFO Headquarters support to proceed with a vessel charter of this value (i.e., \$2.5-million dollars).

Kristian

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Kristian Curran, Head | Chef

Ocean Engineering and Technology Section | Section du génie et des technologies océaniques Ocean and Ecosystem  
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If you have received this communication by mistake, please notify the sender immediately and delete the  
communication without printing, copying or forwarding it. Thank you.

Si vous avez reçu cette communication par erreur, veuillez en aviser l'expéditeur immédiatement et la supprimer sans  
l'imprimer, la copier, ou la faire suivre. Merci.

s.21(1)(b)

## **Virc, Stephen**

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**From:** Lam, John  
**Sent:** Monday, June 19, 2017 11:23 AM  
**To:** Vollrath, Jennifer  
**Cc:** Hashmi, Irfan; Thomas, Michael; Bint, Kathryn; Virc, Stephen; Levesque, Keith  
**Subject:** RE: Project Code for Hudson replacement charters

Hi Jennifer,

Ok I think I got it. [REDACTED]

As for the additional operations funding I believe my colleague Irfan can speak more to this as he is responsible for the operations and sustainment on the new vessel and once that has been finalized it may shed light into the adequacy of the fleet operations A-base.

Look forward to continuing our dialogue on this!  
John

s.21(1)(b)

s.69(1)(g) re: (a)

**From:** Lam, John  
**Sent:** June-19-17 9:13 AM  
**To:** Vollrath, Jennifer  
**Cc:** Hashmi, Irfan; Thomas, Michael; Bint, Kathryn; Virc, Stephen; Levesque, Keith  
**Subject:** RE: Project Code for Hudson replacement charters

Hi Jennifer,

I am still awaiting on any source documents on this.

Currently as it stands we are planning for the new OOSV to be offline [REDACTED] during its first year in service  
[REDACTED]

Thanks for any assistance you can provide

**John Lam, CPA, CMA**

Senior Cost Analyst, Canadian Coast Guard

Fisheries and Oceans Canada  
Tel: (613) 998-8872  
[John.Lam@DFO-MPO.gc.ca](mailto:John.Lam@DFO-MPO.gc.ca)

Analyste principal des coûts, Garde côtière canadienne  
Pêches et Océans Canada  
Tél: (613) 998-8872  
[John.Lam@DFO-MPO.gc.ca](mailto:John.Lam@DFO-MPO.gc.ca)

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**From:** Lam, John  
**Sent:** June-08-17 8:27 AM  
**To:** Vollrath, Jennifer  
**Cc:** Hashmi, Irfan; Thomas, Michael; Bint, Kathryn; Virc, Stephen; Levesque, Keith  
**Subject:** RE: Project Code for Hudson replacement charters

s.69(1)(g) re: (a)

Hi Jennifer,

I just changed my voicemail and you did get the right phone number!

Once again we are just mitigating all of the potential scenarios that can happen and will definitely discuss this at our cost risk board.

I will try to follow up with a phone call later this AM

John

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**From:** Vollrath, Jennifer  
**Sent:** June-07-17 4:13 PM  
**To:** Lam, John  
**Cc:** Hashmi, Irfan; Thomas, Michael; Bint, Kathryn; Virc, Stephen; Levesque, Keith  
**Subject:** RE: Project Code for Hudson replacement charters  
**Importance:** High

Good afternoon John,

I called your number listed below but the mailbox indicated "Julie".

Please call me.

Regards,  
Jennifer  
613-990-0291

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**From:** Lam, John  
**Sent:** June-07-17 2:49 PM  
**To:** Vollrath, Jennifer  
**Cc:** Hashmi, Irfan; Thomas, Michael; Bint, Kathryn  
**Subject:** RE: Project Code for Hudson replacement charters

Hi Jennifer,

At this point in time it is too difficult to predict when we will have a new OOSV and if that timeframe coincides with the decommissioning of the CCGS Hudson.

The project is in the preliminary stages of going forward with the construction engineering and long lead item sub for OOSV but we need to provide a holistic estimate on the full project with an understanding of the lifecycle costing.

As for the project plans, it is again very premature at this stage and we are costing a possible scenario where the OOSV will experience warranty issues and down time in the first year that will impact science programming [REDACTED] We are planning to do uncertainty analysis to determine others scenarios but the concepts of that work is a whole other discussion. This will ultimately end up in the CCG general contingency tied to delivery of the OOSV and the number of issues observed.

Let me know if you wish to discuss further between me and you

**John Lam, CPA, CMA**

Senior Cost Analyst, Canadian Coast Guard  
Fisheries and Oceans Canada  
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[John.Lam@DFO-MPO.gc.ca](mailto:John.Lam@DFO-MPO.gc.ca)

Analyste principal des coûts, Garde côtière canadienne  
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s.21(1)(b)

s.69(1)(g) re: (a)

---

**From:** Vollrath, Jennifer  
**Sent:** June-07-17 11:23 AM  
**To:** Lam, John  
**Cc:** Hashmi, Irfan; Thomas, Michael; Bint, Kathryn  
**Subject:** RE: Project Code for Hudson replacement charters

Hi John,

I am glad the OOSV project is planning/anticipating for contingency during the first year of the OOSV service. Given the tremendous amount of funds that has gone into keeping the Hudson in service, is it also part of the contingency strategy to keep this vessel operational and have overlap between the vessels?

Given our experience with charters for the Hudson missions I would like to meet and discuss further what the project is proposing.

Thanks,  
Jennifer  
National Manager, Science Assets & Infrastructure

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**From:** Lam, John  
**Sent:** June-07-17 8:15 AM  
**To:** Vollrath, Jennifer  
**Cc:** Hashmi, Irfan; Thomas, Michael; Bint, Kathryn  
**Subject:** RE: Project Code for Hudson replacement charters

s.21(1)(b)

s.69(1)(g) re: (a)

Hi Jennifer,

For the new OOSV, my group (Vessel Procurement) is anticipating [REDACTED] lost sea days during the first year in service to address warranty and insurance claims. [REDACTED]  
[REDACTED]

[REDACTED] Which project code is EOS using to track the funds?

[REDACTED]

What I will need is a source document that details the charter contract or result of the RFP (Should be in place by now I hope) and the forecast expenditures to year end.

Let me know if you have any questions or concerns

**John Lam, CPA, CMA**

Senior Cost Analyst, Canadian Coast Guard  
Fisheries and Oceans Canada  
Tel: (613) 998-8872  
[John.Lam@DFO-MPO.gc.ca](mailto:John.Lam@DFO-MPO.gc.ca)

Analyste principal des coûts, Garde côtière canadienne  
Pêches et Océans Canada  
Tél: (613) 998-8872  
[John.Lam@DFO-MPO.gc.ca](mailto:John.Lam@DFO-MPO.gc.ca)

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**From:** Bint, Kathryn  
**Sent:** November-17-16 12:51 PM  
**To:** Lam, John; Bisailon, Vincent; Nguyen, Minou  
**Subject:** FW: Project Code for Hudson replacement charters

Hi there,

[REDACTED]

I've received a coding question (whether to create a new project code **a la surface** and am just wondering if we need to coordinate, or if I can go ahead and request a new code.

**Kathryn Bint**  
(613) 990-7223

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**From:** Blumberga, Una  
**Sent:** November 16, 2016 3:28 PM  
**To:** Vollrath, Jennifer  
**Cc:** Bint, Kathryn  
**Subject:** Re: Project Code for Hudson replacement charters

s.19(1)

s.69(1)(g) re: (a)

Hi Jennifer,

I agree.

Kathryn, could you please look into on what's required and whether it's possible?

Thanks,

Una

Sent from my BlackBerry 10 smartphone on the Rogers network.

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**From:** Vollrath, Jennifer  
**Sent:** Wednesday, November 16, 2016 2:52 PM  
**To:** Blumberga, Una  
**Subject:** FW: Project Code for Hudson replacement charters

Hi Una,

[REDACTED]  
What financial coding should we use to charter vessel(s)? I would recommend a new project code for tracking the charter expenditures.

Thanks,  
Jennifer

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**From:** Belliveau, Don  
**Sent:** November-16-16 7:22 AM  
**To:** Vollrath, Jennifer  
**Cc:** Niven, Sherry; Greenan, Blair; Vézina, Alain; Barthelotte, Jay  
**Subject:** Project Code for Hudson replacement charters

Jennifer

Will there be a new project code created for tracking these charters?

We have 2172F in Maritimes Region, "Vessel Coordination", that we use for the Hart replacement charters, crane and welding contracts related to mob/demob.

2172F is typically in the 600K\$ range. We are looking at charter costs ranging from 750K\$ and 1,200K\$ in 2017 to 4,000K\$ in 2018.

Don

*Donald J. Belliveau*  
Head, Ocean Physics Section | Chef, Section de la physique océanique  
Program Coordination and Support Division | Division de la coordination et soutien des programmes

Fisheries & Oceans Canada | Pêches et Océans Canada  
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No information has been removed or severed from this page



## Virc, Stephen

---

**From:** Levesque, Keith  
**Sent:** Tuesday, July 11, 2017 10:11 AM  
**To:** Virc, Stephen  
**Subject:** FW: OFSV 1 (Ricker Replacement) Incremental Costs  
**Attachments:** OFSV Delay Costs.docx

**Importance:** High

Hi Steve,

Are you available to meet briefly regarding the message below that needs to be sent up this morning? I have reviewed their message and have made some modifications – see attached.

Keith

**From:** Hains, Eric  
**Sent:** July-10-17 10:37 AM  
**To:** Levesque, Keith  
**Cc:** Atchison, Chris; Amelin, Vasili; Smith, Stefan  
**Subject:** OFSV 1 (Ricker Replacement) Incremental Costs

Bonjour Keith,

Here's the message that I was planning to send up through our chain. I'm wondering if this lines up with what you had in mind and had a few other questions as well:

- Can we safely assume that the 3 programs lost in 17/18 would be valued at  $2.7M - 1.93M = 0.77M$ ?
- Do you have some of the qualitative issues you had in mind? I'd like to add them to the final version of the blurb (*I'll run it by you before raising either way*)
- Do you agree with the approach? This is too much information in my opinion and I'd propose having the first table in an e-mail only and the other as an appendix in a separate document

Thanks

-----  
In our opinion, EOS' charter costs correspond to the incremental costs incurred due to the delay of the OSFV 1 delivery (CCGS W.E. Ricker).

	2017/18	2018/19	2019/20	Total
EOS Charter	\$1,930,000	\$2,700,000	\$2,700,000	\$7,330,000
# days planned	146	206	206	558
Per diem	\$13,219	\$13,107	\$13,107	\$13,136

EOS lost the delivery of 3 programs out of 11 due to the de-commissioning of the Ricker at the end of 16/17. The value of the expected loss

Although we do not consider Ricker costs to be incremental, here is the same information should a full year of Ricker operations be added:

	2017/18	2018/19	2019/20	Total
<b>W.E. Ricker (FOP 2017/18 v3)</b>	\$3,946,357			\$3,946,357
<b># days planned in v3</b>	206			206
<b>Per diem</b>	\$19,157			\$19,157

Total including the charter as per above:

<b>Per diem (Ricker + EOS charter)</b>	<b>\$32,376</b>	<b>\$13,107</b>	<b>\$13,107</b>	<b>\$14,760</b>
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With the Ricker out of the operational mix, CCG has made every effort to minimize its costs in 17/18 by dispersing personnel to other vessels or projects. The costs in the final version of the plan 17/18 (v5.1) would therefore be the following:

	2017/18	2018/19	2019/20	Total
<b>W.E. Ricker (FOP 2017/18 v5.1)</b>	\$709,428			\$709,428
<b># days planned in v5.1***</b>	206			206
<b>Per diem</b>	\$3,444			\$3,444

\*\*\* Assumed 206 days for comparative purposes even though v5.1 of the FOP 17/18 would not include any days for the ship

Total including the charter as per above:

<b>Per diem (Ricker + EOS charter)</b>	<b>\$16,663</b>	<b>\$13,107</b>	<b>\$13,107</b>	<b>\$10,523</b>
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ÉRIC HAINS | acting Manager, Ship Operational Service Delivery - Canadian Coast Guard – Headquarters  
 Gestionnaire par intérim, Prestation des services opérationnels aux navires - Garde Côtière Canadienne – Administration Centrale  
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 Ship Operational Service Delivery / Prestation des services opérationnels aux navires  
 200 Kent Street, Office 6N127, Ottawa, ON K1A 0E6

**Table 1:** Charter costs incurred due to the delay of the OSFV1 delivery.

	2017/18	2018/19 (forecasted)	2019/20 (forecasted)	Total
<b>EOS Charter</b>	\$1,930,000	\$2,700,000	\$2,700,000	\$7,330,000
<b># days planned</b>	146	206	206	558

Three programs out of 11 were not delivered by EOS in FY 2017-18 due to the de-commissioning of the Ricker (end of FY 2016-17) and the delay in the delivery of the OSFV1. The estimated costs of the charters to deliver these 3 programs are \$0.77M.

**Table 2:** Personnel costs incurred due to the delay of the OSFV1 delivery. With the Ricker out of the operational mix, CCG has made every effort to minimize its costs in 17/18 by dispersing personnel to other vessels or projects. The costs in the final version of the plan 17/18 (v5.1) would therefore be the following:

	2017/18	2018/19	2019/20	Total
<b>W.E. Ricker (FOP 2017/18 v5.1)</b>	\$709,428			\$709,428
<b># days planned in v5.1*</b>	206			206
<b>Per diem</b>	\$3,444			\$3,444

\*Assumed 206 days for comparative purposes even though v5.1 of the FOP 17/18 would not include any days for the ship. Personnel costs is an incremental costs incurred due to the delay of the OSFV 1 delivery. Note that these costs will not be covered by EOS.

s.21(1)(b)

**Table 4:** Cost of operating the CCGS Ricker for a full year. Although we do not consider Ricker costs to be incremental, here is the same information should a full year of Ricker operations be added.

	<b>2017/18</b>	<b>2018/19</b>	<b>2019/20</b>	<b>Total</b>
<b>W.E. Ricker (FOP 2017/18 v3)</b>	\$3,946,357			\$3,946,357
<b># days planned in v3</b>	206			206
<b>Per diem</b>	\$19,157			\$19,157

## Virc, Stephen

---

**From:** Gascon, Yves  
**Sent:** Wednesday, August 9, 2017 4:30 PM  
**To:** Vollrath, Jennifer  
**Cc:** Champagne, Danny; Clarke, Tracey; Bint, Kathryn; Levesque, Keith; Hains, Eric; Virc, Stephen; Moore, Wayne; Seitz, Jeffrey; Harvey, Clifford; Hunt, Terry  
**Subject:** RE: [REDACTED] URGENT REQUEST

Hello Jennifer,

Thanks for the update via telephone it helped bring some context and link historical events.

As discussed, I don't foresee this being a problem the process and intent looks to have already been discussed and fleshed out for a smaller amount in order to support the program with vessels being out of service. Danny does not have an issue or concern with the vote swap. [REDACTED] I don't foresee this being an issue and I am copying the acting Superintendent of Marine Engineering-Atlantic(Terry Hunt).

I understand the pressure with regards to timing and getting a contract in place and I have no issue approving this and discussing the funding pressure (if any) with Jeff [REDACTED]

I also wanted to share this bit of good news with regards to the CCGS Hudson I know we aren't out of the woods yet but I didn't know if this would impact the decision to charter etc.

**CCGS Hudson:** The stern tube weld repairs were successful over the weekend. Next steps towards work completion include Belzona in the stern tube, re affixing the shafting and painting the hull. The most recent version of the shipyard schedule indicates a completion date of September 12th 2017 and then transit back to Atlantic. The region will be requesting an updated schedule from the shipyard for next week to see if there timelines have changed.

Thanks.

s.19(1)

Yves Gascon  
DFO - CCG - A/Director, Marine Engineering  
MPO - GCC - Directeur intérimaire d'ingénierie navale  
Tel. 613-617-9127  
[Yves.Gascon@dfo-mpo.gc.ca](mailto:Yves.Gascon@dfo-mpo.gc.ca)

s.69(1)(g) re: (a)

-----Original Message-----

**From:** Vollrath, Jennifer  
**Sent:** August-09-17 2:41 PM  
**To:** Seitz, Jeffrey; Gascon, Yves; Harvey, Clifford  
**Cc:** Champagne, Danny; Clarke, Tracey; Bint, Kathryn; Levesque, Keith; Hains, Eric; Virc, Stephen; Moore, Wayne  
**Subject:** RE: [REDACTED] URGENT REQUEST  
**Importance:** High

URGENT REQUEST

Given the status of the CCGS Hudson and the CCGS Martha L Black - EOS is now seeking additional funds of \$2.545M O&M from CCG to charter:

- 1) Leg 1 of the Ecology Atlantic Ocean (CHONe/DFO) - funding required \$850K
- 2) Gulf Monitoring Program (October) - funding required \$750K

3) Newfoundland Oceanography (November) - funding required \$945K

Please note that this is in addition to what we have previously identified - bringing our total funds requested for FY2017/18 to \$3.447M O&M (see attached table).

Given the timing of Leg 1 of the Ecology Atlantic Ocean we need to commence work on the RFP ASAP therefore need confirmation of funding by c.o.b. today (August 9).

Please feel free to call me if you have any questions or require further information.

Your swift attention to this request is greatly appreciated.

Jennifer

s.69(1)(g) re: (a)

-----Original Message-----

From: Champagne, Danny

Sent: July-21-17 3:28 PM

To: Vollrath, Jennifer

Cc: Levesque, Keith

Subject: RE: [REDACTED]

Thanks Jennifer!

Will get the ball rolling on the budget transfers.

Danny

-----Original Message-----

From: Vollrath, Jennifer

Sent: July-21-17 2:15 PM

To: Champagne, Danny

Cc: Levesque, Keith

Subject: RE: [REDACTED]

Hi Danny,

For this FY we would like to ask for another \$50K to pay for ROPOS as these incremental costs were incurred due to the unavailability of the Hudson and rescheduling on Martha L Blacks. Thus making the total O&M funds required for FY2017/18 \$1,102K.

Thanks,

Jennifer

-----Original Message-----

From: Champagne, Danny

Sent: July-21-17 9:14 AM

To: Vollrath, Jennifer

Cc: Levesque, Keith

Subject: RE: [REDACTED]

Hi Jennifer,

Thanks for your e-mail and the numbers. Coming up with an exact figure is clearly not an easy task so I do appreciate your challenges on that front.

Before we move forward with all the transfers for 2017/18, I want make sure that you're comfortable with the \$1,052K and that you're not "lowballing" yourself. Looks like there's some flex in your estimates so if you feel like you need to bump up your estimate, please let me know (before end of the day would be great) and we'll adjust accordingly.

As for 2018/19, we'll likely have to deal with that when the time comes as it's not likely that we can find a swapping partner this much in advance.

Give me a call if you need to discuss further or need some more clarifications.

Thanks,  
Danny

s.21(1)(b)

s.69(1)(g) re: (a)

-----Original Message-----

From: Vollrath, Jennifer  
Sent: July-20-17 6:08 PM  
To: Champagne, Danny  
Cc: Levesque, Keith  
Subject: RE: [REDACTED]  
Importance: High

Hi Danny,

It is challenging to give you the 'exact' amount at this time for the following reasons:

- 1) One of the Bidder's is challenging the results of the RFP for 2017 AZMP/AZOMP missions. As a result this RFP processed has been temporarily 'paused'.
- 2) The NRCan Geoscience RFP has been posted and closes August 10th.
- 3) The RFP for the 2018 Hudson missions is pending and has not been posted. We hope to have this up by next week.

However, the anticipated additional funds we (Science) requires:

FY 2017/2018 = \$1,052K

FY 2018/2019 = \$3,900K

Please see attached spreadsheet for further details.

Happy to discuss with you.

Thanks,  
Jennifer

-----Original Message-----

From: Vollrath, Jennifer  
Sent: July-20-17 12:03 PM  
To: Champagne, Danny; Levesque, Keith; Redican, Anthony  
Subject: RE: [REDACTED]

Hi Danny,

Message received. Will respond with figures later today. [REDACTED]

Thanks,

Jennifer

-----Original Message-----

From: Champagne, Danny

Sent: July-20-17 11:49 AM

To: Vollrath, Jennifer; Levesque, Keith; Redican, Anthony

Subject: RE: [REDACTED]

Importance: High

s.21(1)(b)

s.69(1)(g) re: (a)

Hey guys,

Sorry to bother you all again but I really need you to confirm the exact amount Science needs to cover the additional charter costs. As it stands, I've only seen ~\$3M but need a firm number so we can move forward with the swaps.

[REDACTED]

Danny

-----Original Message-----

From: Champagne, Danny

Sent: July-18-17 12:39 PM

To: Vollrath, Jennifer; Levesque, Keith; Redican, Anthony

Cc: Clarke, Tracey; Seitz, Jeffrey; Cadieux, Andreane

Subject: RE: [REDACTED]

Hi Jennifer/Keith/Anthony,

Just following up on my e-mail from last week... Specifically in regards to confirming the exact amount of funding required to move ahead with the transfers/swaps.

I know a few of you were on holidays last week but Regions/Sectors (who hold the Vote 1 funds) are looking to complete the swaps sooner than later.

Thanks,

Danny

-----Original Message-----

From: Champagne, Danny

Sent: July-10-17 8:24 AM

To: Vollrath, Jennifer; Levesque, Keith; Redican, Anthony

Cc: Clarke, Tracey; Seitz, Jeffrey

Subject: RE: [REDACTED]

Hey guys,

I've been working with CFO's Budget Planning Branch to coordinate the swaps and transfers that will need to occur in order to get Science the supplementary funds needed for the additional charter(s) this fiscal.

Jennifer/Keith/Anthony: I need the exact amount of funding that is required so that we can complete the necessary transfers.

Once I have the amount, I'll work with Andréane in CCG-IBMS to get the transfers filled out and processed.



Thanks,  
Danny

-----Original Message-----

From: Vollrath, Jennifer  
Sent: July-05-17 6:04 PM  
To: Clarke, Tracey; Levesque, Keith; Champagne, Danny; Seitz, Jeffrey  
Subject: RE: [REDACTED]

s.69(1)(g) re: (a)

Great, thank you for this confirmation and funding.

Kindest regards,  
Jennifer

---

From: Clarke, Tracey  
Sent: Wednesday, July 05, 2017 3:53 PM  
To: Vollrath, Jennifer; Levesque, Keith; Champagne, Danny; Seitz, Jeffrey  
Subject: RE: [REDACTED]

Jennifer, Keith and Danny,

I spoke with Sam Ryan who spoke with Mario Pelletier and I can confirm that CCG Senior Management is on board with the plan to swap Vote 5 Hudson VLE funding for Vote 1 to enable Science to charter vessel(s) to replace the Hudson capacity while it is out of service due to its unplanned extended work period.

Tracey

From: Vollrath, Jennifer  
Sent: Wednesday, July 5, 2017 9:35 AM  
To: Levesque, Keith <Keith.Levesque@dfo-mpo.gc.ca>; Clarke, Tracey <Tracey.Clarke@dfo-mpo.gc.ca>; Champagne, Danny <Danny.Champagne@dfo-mpo.gc.ca>; Seitz, Jeffrey <Jeffrey.Seitz@dfo-mpo.gc.ca>  
Subject: FW: [REDACTED]

This was the attached email that was problematic to open.

Given the status and delay of the Hudson VLE this year (FY2017/18) we need additional funding to cover charter costs for impacted NRCan and DFO missions (~\$3M). [REDACTED]

We will also need the financial coding ASAP in order to post the RFPs.

Thanks,  
Jennifer

From: Clarke, Tracey  
Sent: July-08-16 8:07 AM  
To: Vollrath, Jennifer  
Cc: Fleury, Karla; Champagne, Danny; Seitz, Jeffrey; Ivany, Gary  
Subject: FW: [REDACTED]

Hi Jennifer,

I met with Karla Fleury and Danny Champagne yesterday

I'm sorry that it took so long to get back to you – I thought that I had responded already but realized a couple of days ago that I hadn't gotten back to you yet.

From your voice mail, you're out of the office until Monday but if you wanted to chat, you can call on my cell: 613-410-3027.

Regards,  
Tracey

s.69(1)(g) re: (a)

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From: Vollrath, Jennifer  
Sent: Tuesday, June 21, 2016 5:24 PM  
To: Ivany, Gary <Gary.Ivany@dfo-mpo.gc.ca<mailto:Gary.Ivany@dfo-mpo.gc.ca>>  
Cc: Clarke, Tracey <Tracey.Clarke@dfo-mpo.gc.ca<mailto:Tracey.Clarke@dfo-mpo.gc.ca>>  
Subject: FW: [REDACTED]  
Importance: High

Good afternoon Gary,

We are starting discussions with potential charter operators and I wanted to touch base with you regarding using the refit contingency for some of our charter work while the Hudson is out of service. Is this still the agreed plan? I'd like to confirm so we can proceed.

Kind regards,  
Jennifer

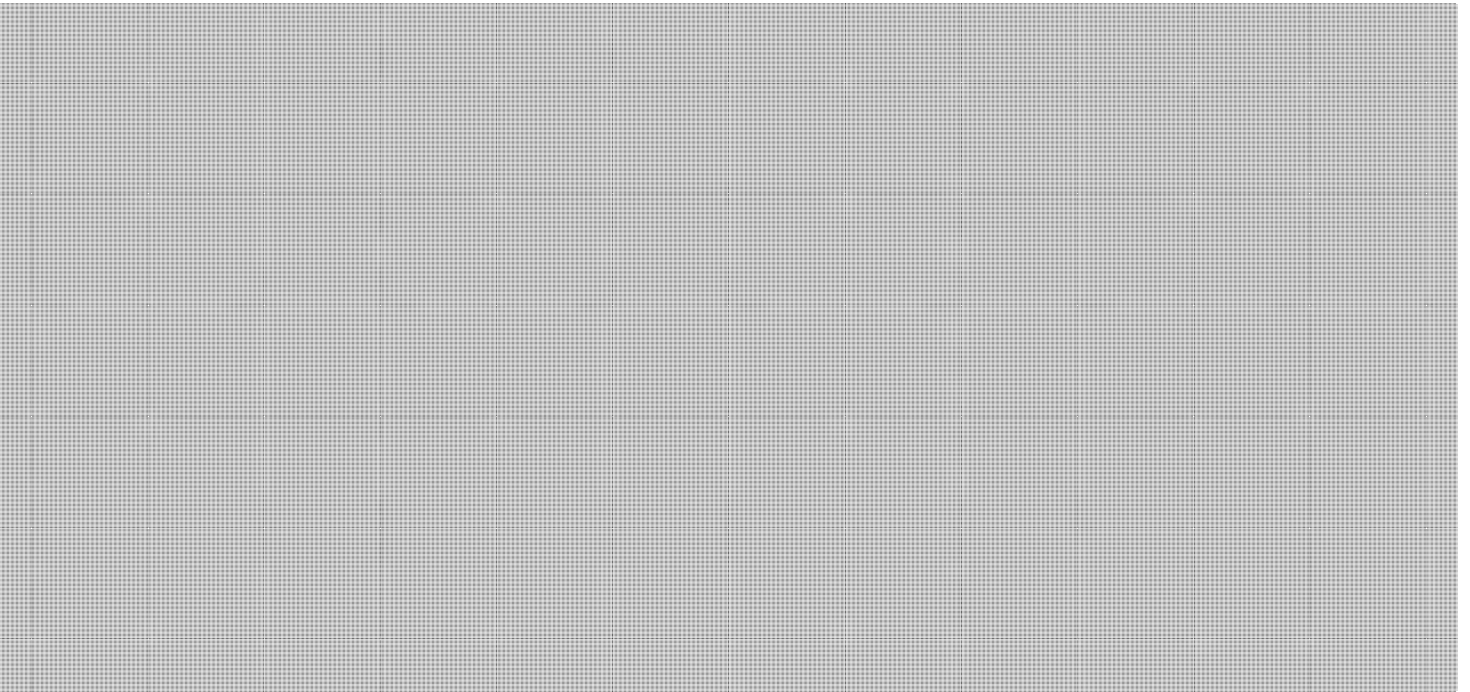
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From: Vollrath, Jennifer  
Sent: April 28, 2016 1:46 PM  
To: Condran, Glen; Ivany, Gary; Clarke, Tracey; LeBlanc, Michèle ( NCR ); Guerra, Rosangela; Arpin, Julie; Steeves, Jillian; Fleury, Karla; Champagne, Danny

Subject: [REDACTED]

s.69(1)(g) re: (a)

Good afternoon,



Thanks,  
Jennifer

Jennifer Vollrath  
Senior Policy Advisor, Ecosystems and Oceans Science Sector Fisheries and Oceans Canada / Government of Canada  
Jennifer.Vollrath@dfo-mpo.gc.ca<mailto:%20Jennifer.Vollrath@dfo-mpo.gc.ca> / Tel: 613-990-0291

Conseillère principale des politiques, Secteur des Sciences des écosystèmes et des océans Pêches et Océans Canada /  
Gouvernement du Canada Jennifer.Vollrath@dfo-mpo.gc.ca<mailto:%20Jennifer.Vollrath@dfo-mpo.gc.ca> / Tél. : 613-  
990-0291

[cid:image001.jpg@01D2F5A6.CF265DA0]

## **Virc, Stephen**

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**From:** Vollrath, Jennifer  
**Sent:** Thursday, October 19, 2017 1:43 AM  
**To:** Moore, Wayne; Virc, Stephen  
**Cc:** Levesque, Keith  
**Subject:** FW: Ship dollars

FYI - the charters were more than HALF the amount of the annual Ricker charges. I'll have exact figures tomorrow.

---

From: Lowe, Carmel  
Sent: Wednesday, October 18, 2017 7:29 PM  
To: McPherson, Arran  
Cc: Vollrath, Jennifer  
Subject: Ship dollars

Arran

Now that all of the charter surveys replacing the Ricker are complete – it is looking like we will have a bit of a surplus - >\$84K. We are expecting the last invoice any day and will confirm exact amount then. Letting you know now in case any other region can make use of these.....

Carmel

Carmel Lowe, Ph.D.

Regional Director Science | Directrice régionale des sciences Fisheries and Oceans Canada | Pêches et Océans Canada  
Pacific Biological Station | Station biologique du Pacifique  
3190 Hammond Bay Rd, Nanaimo, BC, Canada V9T 6N7 Carmel.Lowe@dfo-mpo.gc.ca<mailto:Carmel.Lowe@dfo-mpo.gc.ca>

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Government of Canada | Gouvernement du Canada

## **Virc, Stephen**

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**From:** Levesque, Keith  
**Sent:** Wednesday, November 1, 2017 10:35 AM  
**To:** Virc, Stephen  
**Subject:** RE: Vessel Charter Procurement Update

Thank you for the follow-up. Much appreciated.  
Keith

---

**From:** Virc, Stephen  
**Sent:** November-01-17 7:20 AM  
**To:** Levesque, Keith  
**Subject:** FW: Vessel Charter Procurement Update

fyi

---

**From:** Moore, Wayne  
**Sent:** November-01-17 7:08 AM  
**To:** Vollrath, Jennifer; Virc, Stephen  
**Subject:** FW: Vessel Charter Procurement Update

s.20(1)(c)

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**From:** McPherson, Arran  
**Sent:** October 31, 2017 4:59 PM  
**To:** Hopkins, Lillian <[Lillian.Hopkins@dfo-mpo.gc.ca](mailto:Lillian.Hopkins@dfo-mpo.gc.ca)>; Malko, Carol <[Carol.Malko@dfo-mpo.gc.ca](mailto:Carol.Malko@dfo-mpo.gc.ca)>  
**Cc:** Trudeau, Miriam <[Miriam.Trudeau@dfo-mpo.gc.ca](mailto:Miriam.Trudeau@dfo-mpo.gc.ca)>; White, Andrea <[Andrea.White@dfo-mpo.gc.ca](mailto:Andrea.White@dfo-mpo.gc.ca)>; Butcher, Ashley <[Ashley.Butcher@dfo-mpo.gc.ca](mailto:Ashley.Butcher@dfo-mpo.gc.ca)>; Matson, Tony <[Tony.Matson@dfo-mpo.gc.ca](mailto:Tony.Matson@dfo-mpo.gc.ca)>; Moore, Wayne <[Wayne.Moore@dfo-mpo.gc.ca](mailto:Wayne.Moore@dfo-mpo.gc.ca)>  
**Subject:** Vessel Charter Procurement Update

Pls see below for an update on Science's Vessel Charter procurement efforts (Hudson replacement). This is further to a recent MINO briefing re concerns raised by McGregor Geoscience regarding procurement of vessel charters. It can be shared with MINO as appropriate.

# FP802-170206 for "Vessel and Crew to Support Fisheries and Oceans Canada – Fall 2017 Estuary and Gulf of St. Lawrence Monitoring Program" was posted on September 21 and closed on October 13. A total of three bids were received. The evaluation of the bids was conducted in a fair and transparent manner by three independent DFO evaluators from October 16 to 18. The evaluation committee (composed of a chair and the three evaluators) met on October 19 to review each evaluator's independent assessment.

The bid submitted by Reformar Inc. for the R/V *Coriolis II* was compliant with all mandatory criteria [REDACTED]  
[REDACTED] The contract to deliver the "Estuary and Gulf of St. Lawrence Monitoring Program" was awarded to Reformar Inc. on October 26.

The start of the mission at sea is scheduled for November 1<sup>st</sup>. Contract is for a maximum of 32 days from contract award to November 30, 2017 at an all-inclusive fixed daily rate of \$22,549.00. Total contract cost not to exceed \$721,568.00 excl. taxes (estimated GST / HST \$108,054.81)

## **Virc, Stephen**

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**From:** Vollrath, Jennifer  
**Sent:** Tuesday, November 7, 2017 4:53 PM  
**To:** Blumberga, Una; Moore, Wayne  
**Cc:** Levesque, Keith; Virc, Stephen  
**Subject:** Hudson Charters Funding (Nov 7).xlsx  
**Attachments:** Hudson Charters Funding (Nov 7).xlsx  
**Importance:** High

Good afternoon,

Attached is a table outlining the Hudson charter funding for the 2017 field season. As indicated in the attached table, the total funds required for this field season equals \$3,770K. Science does not require \$3,275K from CCG as 3 missions were either cancelled or realized on a different CCG vessel and therefore these funds should be transferred back to CCG.

Please let me know if you require further information or clarification.

Kind regards,  
Jennifer

# HUDSON CHARTERS

2017-18	Mission	Number of Days	RFP/Contract Status	Solicitation Number	Mission Status	Vessel (Company)	Budgeted (\$K)	Actual (\$K) *Incl. HST/GST
Spring 2017 AZMP	Leg 1 Ecology of the Atlantic CHONE/DFO <sup>1</sup>		Contract Awarded	FS211-170018	Completed	Coriolus II (Reformar Inc.)		451.7
ROPOS - Ecology of the Atlantic Ocean <sup>2</sup>			RFP Cancelled	N/A	Completed	CCGS Martha L. Black		0
2017 AZOMP/ Fall AZMP <sup>3</sup>			N/A	N/A	N/A	N/A		31
Fall 2017 NRCan Geoscience <sup>4</sup>			RFP Cancelled	FS211-170235	AZOMP Cancelled	No charter		0
Maritimes Fall AZMP			RFP Cancelled	FP802-170205-A	Cancelled	No charter		0
Gulf Monitoring Program (QC AZMP)			Contract Pending - requires change of currency to USA	FP802-170206	-	Coriolus II (Reformar Inc.)		780
Newfoundland Oceanography (NFLD AZMP)			Contract Awarded (Converted from Euros)	FP802-170205	Estimate Nov 9 mob	M/V Discovery (Fugro)		829.6
<b>TOTAL</b>							<b>3,770</b>	<b>1,312.3</b>

<sup>1</sup> RFP cancelled - mission conducted on CCGS Martha L. Black

<sup>2</sup> ROPOS costs \$14K + E Kenniston \$17K

<sup>3</sup> RFP cancelled - no vessel met mandatory requirements

<sup>4</sup> RFP cancelled - no vessel available for required time period

Source	(\$K)	Status
Originally requested from CCG - ITS to cover entire field season	\$3,445	\$1,669 to EOS in 1st transfer and \$1,776 in 2nd transfer
<b>TOTAL</b>		

Total funds required for 2017 Hudson charters equals \$3,770K

Funds to transfer back to CCG equals \$3,275K

s.21(1)(b)

s.69(1)(g) re: (a)

2018-19	Mission	Number of Days	RFP/Contract Status	Solicitation Number	Mission Status	Vessel (Company)	Budgeted (\$K)	Actual (\$K)
Spring 2018 AZMP		TBD	SOW Drafted					0
Spring 2018 AZOMP		TBD	SOW Drafted					0
<b>TOTAL</b>							<b>3,900</b>	<b>0</b>

2018-19 Funds for Chartering	Source	(\$K)	Status
2018/2019	Requested from CCG - ITS	\$3,900	Approved and transfer pending April 1st 2018
<b>TOTAL</b>		<b>\$3,900</b>	

## **Virc, Stephen**

---

**From:** Vollrath, Jennifer  
**Sent:** Wednesday, December 20, 2017 12:42 PM  
**To:** Levesque, Keith; Virc, Stephen  
**Subject:** FW: Head's Up - Ricker Charter 2018/19

FYI

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**From:** Vollrath, Jennifer  
**Sent:** December-20-17 12:41 PM  
**To:** Lowe, Carmel; McPherson, Arran  
**Cc:** Moore, Wayne; Pilon, Julie; Blumberga, Una; Holmes, John  
**Subject:** RE: Head's Up

Hi Carmel,

Thanks for this heads-up. Will the charter work be posted as a RFP or via an ACAN process (based on the bidding results of this past field season)?

Given where we are at with the *Ricker* replacement (CCGS *Franklin*) and the anticipated delivery date "Fall 2018 = August to December 2018", would it be possible to have an option year(s) for the charter vessel(s)?

My rationale for this pro-active mitigation strategy is:

- 1) I am anticipating further delays in the delivery of the vessel;
- 2) Being the 'first in-class' I am anticipating significant issues and loss of science program time to deal with the 'teething' the new vessel for the first year in-service;
- 3) Given the amount of work your staff have done to secure charters – having an option year (or two) it would save your staff from repeating this again next year.

If I am wrong with #1 and #2 above then we would not need to exercise the option year, however, if I am right then we are set for the next couple of years. (Plus, maybe there would be more bidders if there is option for further work.)

From the financial perspective, I understand the requirement would be to commit the funds for 2+ years for charters but this should be doable given we no longer will have the operating costs for the Ricker in our Fleet Operating Plan - which was approx. \$4M/year.

Happy to discuss further.

Thanks,  
Jennifer

### **Jennifer Vollrath**

National Manager, Assets & Infrastructure, Office of Partnership and Collaboration  
Ecosystems and Oceans Science Sector  
Fisheries and Oceans Canada / Government of Canada  
[Jennifer.Vollrath@dfo-mpo.gc.ca](mailto:Jennifer.Vollrath@dfo-mpo.gc.ca) / Tel: 613-990-0291

Gestionnaire national, actifs et infrastructure, Bureau du partenariat et de la collaboration  
Ecosystems and Oceans Science Sector  
Pêches et Océans Canada / Gouvernement du Canada





**From:** Lowe, Carmel  
**Sent:** December-20-17 11:53 AM  
**To:** McPherson, Arran  
**Cc:** Moore, Wayne; Pilon, Julie; Blumberga, Una; Vollrath, Jennifer; Holmes, John  
**Subject:** Head's Up

Arran,

The team here have almost completed the (massive) paper work for Ricker replacement charter vessels for next fiscal and hope to submit to PWGSC this week. In order for the processing to get underway at PWGSC, they require a signed 9200 requisition form indicating availability of \$3.24M +GST for 209 days of charters in 2018-19. This was a requirement for the charter vessels this fiscal and Trevor signed the 9200 requisition.

All to say, we will be forwarding the completed paperwork and form to your office this week and hoping for a short turnaround in order to keep the process moving forward....

*Carmel*

Carmel Lowe, Ph.D.  
Regional Director Science | Directrice régionale des sciences  
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Telephone | Téléphone 250-756-7177  
Facsimile | Télécopieur 250-729-8360  
Government of Canada | Gouvernement du Canada

## **Virc, Stephen**

---

**From:** Vollrath, Jennifer  
**Sent:** Wednesday, December 27, 2017 1:58 PM  
**To:** Moore, Wayne; Virc, Stephen; Levesque, Keith  
**Subject:** RE: OFSV charter contract for your approval

Yes, I recommend ADMO's signature on this 9200.

I will follow-up with Una on securing the funds (\$3.224M FY 2018/19 and \$3.328M FY 2019/20 = \$6,552M). Suggested funding approach will be to divert these required amounts from the CCG FOP.

Thanks,  
Jen

---

**From:** Moore, Wayne  
**Sent:** December-27-17 1:49 PM  
**To:** Virc, Stephen; Vollrath, Jennifer; Levesque, Keith  
**Subject:** FW: OFSV charter contract for your approval

You guys fine with this?

**From:** McPherson, Arran  
**Sent:** December 27, 2017 1:34 PM  
**To:** Moore, Wayne <[Wayne.Moore@dfo-mpo.gc.ca](mailto:Wayne.Moore@dfo-mpo.gc.ca)>  
**Cc:** Boudreau, Carol-Ann <[Carol-Ann.Boudreau@dfo-mpo.gc.ca](mailto:Carol-Ann.Boudreau@dfo-mpo.gc.ca)>; White, Andrea <[Andrea.White@dfo-mpo.gc.ca](mailto:Andrea.White@dfo-mpo.gc.ca)>; Liberty, Anne-Marie <[Anne-Marie.Liberty@dfo-mpo.gc.ca](mailto:Anne-Marie.Liberty@dfo-mpo.gc.ca)>; Armstrong, Carolyn <[Carolyn.Armstrong@dfo-mpo.gc.ca](mailto:Carolyn.Armstrong@dfo-mpo.gc.ca)>; Ryan, Patricia <[Patricia.Ryan@dfo-mpo.gc.ca](mailto:Patricia.Ryan@dfo-mpo.gc.ca)>; Blumberga, Una <[Una.Blumberga@dfo-mpo.gc.ca](mailto:Una.Blumberga@dfo-mpo.gc.ca)>  
**Subject:** FW: OFSV charter contract for your approval

Hi, I assume you will let me know if/when this is ready for signature? Arran

**From:** Lowe, Carmel  
**Sent:** Friday, December 22, 2017 4:00 PM  
**To:** McPherson, Arran <[Arran.McPherson@dfo-mpo.gc.ca](mailto:Arran.McPherson@dfo-mpo.gc.ca)>  
**Cc:** Laverdure, Louise <[Louise.Laverdure@dfo-mpo.gc.ca](mailto:Louise.Laverdure@dfo-mpo.gc.ca)>; Moore, Wayne <[Wayne.Moore@dfo-mpo.gc.ca](mailto:Wayne.Moore@dfo-mpo.gc.ca)>  
**Subject:** OFSV charter contract for your approval

Arran,  
The completed paperwork for the charter vessels is attached. As communicated via an earlier email, in order to initiate the processing and minimize risks in the chartering process we are hoping for your rapid review and signature on form 9200. Malcolm provides some additional points below that you might wish to take into account.

Wishing you and everyone in ADMO/DGO a Merry Christmas!

*Carmel*

Carmel Lowe, Ph.D.  
Regional Director Science | Directrice régionale des sciences  
Fisheries and Oceans Canada | Pêches et Océans Canada

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Facsimile | Télécopieur 250-729-8360

Government of Canada | Gouvernement du Canada

s.20(1)(c)

s.21(1)(b)

**From:** Wyeth, Malcolm

**Sent:** Friday, December 22, 2017 12:39 PM

**To:** Lowe, Carmel <[Carmel.Lowe@dfo-mpo.gc.ca](mailto:Carmel.Lowe@dfo-mpo.gc.ca)>

**Cc:** Fong, Ken <[Ken.Fong@dfo-mpo.gc.ca](mailto:Ken.Fong@dfo-mpo.gc.ca)>; Holmes, John <[John.Holmes@dfo-mpo.gc.ca](mailto:John.Holmes@dfo-mpo.gc.ca)>

**Subject:** OFSV charter contract

Hi Carmel

I've attached a Statement of Work and 9200 form for a charter to replace the Offshore Fisheries Science Vessel (formerly the Ricker, and soon to be the Franklin) for 2018/2019. We need coding and the 9200 form to be signed so that we can have PSPC start the contracting process.

The contract includes a clause to renew the charter for 2019/2020. For 2018/2019 we estimate that the average day rate across all vessels will be 15.5K and for 2019/2020 we estimate a modest increase to 16K per day.

I'm going to re-iterate some comments that you have already seen from Ken Fong and Jennifer Vollrath.

1. We feel the best procurement option is to use another ACAN. Here's the rationale:
  - Because our requirements are so specific and diverse, this process allows us to work with the company on fulfilling all of our requirements prior to the ACAN posting.
  - it worked for us this year and likely to work again based on bidding results.
  - [REDACTED]
  - the risk is if another vendor/company successfully demonstrates that they can meet the requirements identified in the SOW, then it would have to go to bid which would add another 40+ calendar days for the RFP.
2. We have included 2<sup>nd</sup> year option language into the Statement of Work based on the following rationale:
  - a. Anticipated delivery date is projected for "fall 2018" but we anticipate further delays in the delivery of the vessel. CCG is no longer projecting delivery date by month as the date keeps sliding to the right.
  - b. CCG has already identified a number of re-fit items to be completed after the ship is delivered. This includes cabin reconfiguration to accommodate an increase in crew size (electrical officer and logistics officer), lab items, etc. This list will continue to grow in order to keep production schedule on track and due to budgetary reasons.
  - c. After delivery, a minimum of 2 months of familiarization is scheduled. Refit and warranty work may take place during the familiarization period or during an out-of-service period depending on scope of work
  - d. New ships of similar size and capabilities built by experienced shipyards don't become fully operational until 12 to 18 months after delivery. It's important to note that the Franklin is the first of a new design [REDACTED] Being the 'first in-class' we might anticipate significant issues and loss of science program time to deal with 'teething' of the new vessel for the first year in-service
  - e. A second year option would save us from having to repeat this process again.

Malcolm Wyeth

Groundfish Surveys Biologist, Offshore Assessment, Aquatic Resources Research and Assessment Division (ARRAD)  
Science Branch/ Pacific Region

Fisheries and Oceans Canada / Government of Canada  
[Malcolm.Wyeth@dfo-mpo.gc.ca](mailto:Malcolm.Wyeth@dfo-mpo.gc.ca) / Tel: 250-756-7300

Évaluation en mer, Division de la recherche et de l'évaluation des ressources aquatiques (DRERA)  
Direction des Sciences Pacifique  
Pêches et Océans Canada / Gouvernement du Canada  
[Malcolm.Wyeth@dfo-mpo.gc.ca](mailto:Malcolm.Wyeth@dfo-mpo.gc.ca) / Tél: 250-756-7300

## Lapointe, Danielle-Constance

---

**From:** Pilon, Julie  
**Sent:** Wednesday, January 10, 2018 10:11 AM  
**To:** Lyrette, Annie; Kanaan, Anne-Marie  
**Subject:** FW: Head's Up

PVI, l'an prochain on devrait voir des dépenses d'environ \$3.24M pour 209 jours de fret en remplacement du Ricker.

*Merci*

*Julie Pilon, CPA, CGA*  
Senior Finance Manager / Gestionnaire principal des finances  
Tel. / Tél.: (613) 993-3402  
[Julie.Pilon@dfo-mpo.gc.ca](mailto:Julie.Pilon@dfo-mpo.gc.ca)

**From:** Blumberga, Una  
**Sent:** January-10-18 10:04 AM  
**To:** Pilon, Julie  
**Subject:** RE: Head's Up

Hello Julie,

Yes, it's Vessel's account. F00 or business line 880.

Thank you,  
Una

**From:** Pilon, Julie  
**Sent:** January-10-18 9:36 AM  
**To:** Blumberga, Una  
**Subject:** FW: Head's Up

Bonjour Una

Just to understand, when EOS charter vessel, is the expenses going to the general vessel account? For example, where will the \$3.24M +GST for 209 days of charters in 2018-19 be charged?

*Thank you*

*Julie Pilon, CPA, CGA*  
Senior Finance Manager / Gestionnaire principal des finances  
Tel. / Tél.: (613) 993-3402  
[Julie.Pilon@dfo-mpo.gc.ca](mailto:Julie.Pilon@dfo-mpo.gc.ca)

**From:** Lowe, Carmel  
**Sent:** December-20-17 2:51 PM  
**To:** Vollrath, Jennifer; McPherson, Arran  
**Cc:** Moore, Wayne; Pilon, Julie; Blumberga, Una; Holmes, John  
**Subject:** RE: Head's Up

## Responses from the team....

1. We feel the best procurement option is to use another ACAN . Here's the rationale:
  - Because our requirements are so specific and diverse, this process allows us to work with the company on fulfilling all of our requirements prior to the ACAN posting.
  - it worked for us this year and likely to work again based on bidding results.
  - the risk is if another vendor/company successfully demonstrates that they can meet the requirements identified in the SOW, then it would have to go to bid.
    - it would add on another 40+ calendar days on BuyAndSell.gc.ca for the RFP.
2. We have included 2<sup>nd</sup> year option language into the Statement of Work based on the same rationale Jennifer provided.

s.20(1)(c)

*Carmel*

Carmel Lowe, Ph.D.  
Regional Director Science | Directrice régionale des sciences  
Fisheries and Oceans Canada | Pêches et Océans Canada  
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Facsimile | Télécopieur 250-729-8360  
Government of Canada | Gouvernement du Canada

**From:** Vollrath, Jennifer

**Sent:** Wednesday, December 20, 2017 9:41 AM

**To:** Lowe, Carmel <[Carmel.Lowe@dfo-mpo.gc.ca](mailto:Carmel.Lowe@dfo-mpo.gc.ca)>; McPherson, Arran <[Arran.McPherson@dfo-mpo.gc.ca](mailto:Arran.McPherson@dfo-mpo.gc.ca)>

**Cc:** Moore, Wayne <[Wayne.Moore@dfo-mpo.gc.ca](mailto:Wayne.Moore@dfo-mpo.gc.ca)>; Pilon, Julie <[Julie.Pilon@dfo-mpo.gc.ca](mailto:Julie.Pilon@dfo-mpo.gc.ca)>; Blumberga, Una <[Una.Blumberga@dfo-mpo.gc.ca](mailto:Una.Blumberga@dfo-mpo.gc.ca)>; Holmes, John <[John.Holmes@dfo-mpo.gc.ca](mailto:John.Holmes@dfo-mpo.gc.ca)>

**Subject:** RE: Head's Up

Hi Carmel,

Thanks for this heads-up. Will the charter work be posted as a RFP or via an ACAN process (based on the bidding results of this past field season)?

Given where we are at with the *Ricker* replacement (CCGS *Franklin*) and the anticipated delivery date "Fall 2018 = August to December 2018", would it be possible to have an option year(s) for the charter vessel(s)?

My rationale for this pro-active mitigation strategy is:

- 1) I am anticipating further delays in the delivery of the vessel;
- 2) Being the 'first in-class' I am anticipating significant issues and loss of science program time to deal with the 'teething' the new vessel for the first year in-service;
- 3) Given the amount of work your staff have done to secure charters – having an option year (or two) it would save your staff from repeating this again next year.

If I am wrong with #1 and #2 above then we would not need to exercise the option year, however, if I am right then we are set for the next couple of years. (Plus, maybe there would be more bidders if there is option for further work.)

From the financial perspective, I understand the requirement would be to commit the funds for 2+ years for charters but this should be doable given we no longer will have the operating costs for the Ricker in our Fleet Operating Plan - which was approx. \$4M/year.

Happy to discuss further.

Thanks,  
Jennifer

**Jennifer Vollrath**

National Manager, Assets & Infrastructure, Office of Partnership and Collaboration  
Ecosystems and Oceans Science Sector  
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of Canada

Gouvernement  
du Canada

Canada

**From:** Lowe, Carmel  
**Sent:** December-20-17 11:53 AM  
**To:** McPherson, Arran  
**Cc:** Moore, Wayne; Pilon, Julie; Blumberga, Una; Vollrath, Jennifer; Holmes, John  
**Subject:** Head's Up

Arran,

The team here have almost completed the (massive) paper work for Ricker replacement charter vessels for next fiscal and hope to submit to PWGSC this week. In order for the processing to get underway at PWGSC, they require a signed 9200 requisition form indicating availability of \$3.24M +GST for 209 days of charters in 2018-19. This was a requirement for the charter vessels this fiscal and Trevor signed the 9200 requisition.

All to say, we will be forwarding the completed paperwork and form to your office this week and hoping for a short turnaround in order to keep the process moving forward....

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Telephone | Téléphone 250-756-7177

| |

No information has been removed or severed from this page



## Vollrath, Jennifer

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**From:** Hole-Bagnell, Karen  
**Sent:** March-07-18 4:57 AM  
**To:** Blumberga, Una; Pilon, Julie; Lyrette, Annie  
**Cc:** Danis, Julie; Vollrath, Jennifer; Selig, Jane  
**Subject:** Re: VET P11 - TELEOST

Thanks Una. We are assessing our financial situation in our region to see what we can absorb...and now just waiting for a signal from RDG...Stand by.

K.

Sent from my BlackBerry 10 smartphone on the Bell network.

---

**From:** Blumberga, Una  
**Sent:** Tuesday, March 6, 2018 5:56 PM  
**To:** Pilon, Julie; Lyrette, Annie; Hole-Bagnell, Karen  
**Cc:** Danis, Julie; Vollrath, Jennifer  
**Subject:** FW: VET P11 - TELEOST

Hi,

\$130K O&M is available in Quebec and is to be transferred to pay for part of TELEOST costs.

Thank you,  
Una

---

**From:** Danis, Julie  
**Sent:** March-06-18 3:25 PM  
**To:** Lyrette, Annie  
**Cc:** Blumberga, Una  
**Subject:** RE: VET P11 - TELEOST  
**Importance:** High

Bonjour Annie

FYI, I was just now speaking with Una about this, Wayne Moore is aware of this request and it will be looked at Sector level.

J

---

**From:** Lyrette, Annie  
**Sent:** March-06-18 6:47 AM  
**To:** Danis, Julie  
**Subject:** FW: VET P11 - TELEOST

Bon matin Julie,

The region is wondering if NCR will be willing to help them with the cost of charter a vessel to replace the Teleost. Is so, can you tell me which RC the funds will come out from (approximately \$250,000 - \$300,000), I will adjust the VET accordingly.

Thank you,

Annie

**From:** Pilon, Julie

**Sent:** Monday, March 5, 2018 10:32 PM

**To:** Hole-Bagnell, Karen <Karen.Hole-Bagnell@dfo-mpo.gc.ca>; Lyrette, Annie <Annie.Lyrette@dfo-mpo.gc.ca>

**Subject:** RE: VET P11 - TELEOST

I think so, since they had at a certain point a commitment. We will need to verify.

Annie, could you please with Julie Danis tomorrow.

*Merci,*

*Julie Pilon, CPA, CGA*

Senior Finance Manager / Gestionnaire principal des finances

Tel. / Tél.: (613) 993-3402

[Julie.Pilon@dfo-mpo.gc.ca](mailto:Julie.Pilon@dfo-mpo.gc.ca)

**From:** Hole-Bagnell, Karen

**Sent:** March-05-18 10:29 PM

**To:** Pilon, Julie

**Cc:** Lyrette, Annie

**Subject:** Re: VET P11 - TELEOST

Would NCR be willing to help the region out if RDG needs it?

Sent from my BlackBerry 10 smartphone on the Bell network.

**From:** Pilon, Julie

**Sent:** Monday, March 5, 2018 10:18 PM

**To:** Hole-Bagnell, Karen

**Cc:** Lyrette, Annie

**Subject:** FW: VET P11 - TELEOST

Bonjour Karen

Do you know who will be paying for the chartering to replace the Teleost, the regions or NCR?

*Merci,*

*Julie Pilon, CPA, CGA*

Senior Finance Manager / Gestionnaire principal des finances

Tel. / Tél.: (613) 993-3402

[Julie.Pilon@dfo-mpo.gc.ca](mailto:Julie.Pilon@dfo-mpo.gc.ca)

**From:** Lyrette, Annie

**Sent:** March-05-18 2:46 PM

**To:** Pilon, Julie

**Cc:** Kanaan, Anne-Marie

**Subject:** FW: VET P11 - TELEOST

FYI

C'est pas clair qui financera le chartering [REDACTED] Pour l'instant je ne l'inclurai pas dans notre VET, en espérant avoir plus de nouvelles demain

**From:** Vollrath, Jennifer  
**Sent:** Monday, March 5, 2018 2:27 PM  
**To:** Lyrette, Annie <Annie.Lyrette@dfo-mpo.gc.ca>  
**Subject:** FW: VET P11 - TELEOST

FYI

**From:** Smedbol, Kent  
**Sent:** March-05-18 2:22 PM  
**To:** Vollrath, Jennifer  
**Subject:** RE: VET P11 - TELEOST

s.19(1)  
s.21(1)(b)

We have been asked by Maritimes Region to code the charter costs to my RC. I do not know the source of funds (Mar Science cannot cover it).

There are other issues with the charter (a mis-communication between my team and the procurement team with the paperwork; [REDACTED] I'll know in a day or so if it is salvageable.

Kent

**From:** Vollrath, Jennifer  
**Sent:** March-05-18 3:15 PM  
**To:** Smedbol, Kent  
**Cc:** Lyrette, Annie  
**Subject:** FW: VET P11 - TELEOST  
**Importance:** High

Hi Kent,

What is the source of funds for this charter? Is the region paying for it?

Thanks,  
Jennifer

**From:** Lyrette, Annie  
**Sent:** March-05-18 1:01 PM  
**To:** Danis, Julie; Orok, Rowena; Vollrath, Jennifer  
**Subject:** VET P11 - TELEOST

Good afternoon ladies,

As you probably know, the vessel Teleost will not be in operation as it was supposed to be and EOS must therefore charter a vessel. Is anyone of you know if it is the region that will pay for the chartering or if it is NCR?

I just want to make sure it is include in the VET if NCR has to pay for that.

Thank you,

*Annie Lyrette*

Financial Management Advisor / Conseillère en gestion financière  
Financial Management Advisory Services / Services consultatifs en gestion financière  
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9N207 – 200, rue Kent St.  
Ottawa, Ontario K1A 0E6  
Tel. / Tél.: (613)295-0358

## Vollrath, Jennifer

---

**From:** Vollrath, Jennifer  
**Sent:** April-04-18 3:31 PM  
**To:** Moore, Wayne  
**Cc:** Levesque, Keith; Virc, Stephen  
**Subject:** RE: Hudson Mitigation Strategy  
**Attachments:** 2019 CCGS Hudson Field Season Look Ahead.docx

For you discussion with Arran and the RDSs we have prepared the following 'Look Ahead' table. This table is reflective of the short-term strategy to mitigate risks by undertaking to re-profiling the entire 2019 *Hudson* science programming on alternative vessels (CCG vessel and charters). Please note that the first 2 missions (Spring AZMP and AZOMP) are with Procurement and are to posted live tomorrow (with a closing date 20 days later).

Also, an important strategic consideration will be how to handle the NRCan requests for funding their ship time [REDACTED]

s.21(1)(b)

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**From:** Moore, Wayne  
**Sent:** April-04-18 1:15 PM  
**To:** Vollrath, Jennifer  
**Cc:** Levesque, Keith; Virc, Stephen  
**Subject:** RE: Hudson Mitigation Strategy

Ok – thanks for this and I will discuss with Arran and them this week. [REDACTED]

**From:** Vollrath, Jennifer  
**Sent:** April 4, 2018 12:38 PM  
**To:** Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>  
**Cc:** Levesque, Keith <Keith.Levesque@dfo-mpo.gc.ca>; Virc, Stephen <Stephen.Virc@dfo-mpo.gc.ca>  
**Subject:** RE: Hudson Mitigation Strategy  
**Importance:** High

Attached is a revised version of the Hudson memo based on your feedback.

I recommend that this memo be sent to CCG ASAP as communication of this mitigation strategy is starting to spread at the regional level within Science. It may be beneficial to have a special conference call with Atlantic RDSs regarding the communication of this plan and the next steps for the 2019/20 field season (i.e. RFP process and assessment of bids).

Thanks,  
Jen

---

**From:** Vollrath, Jennifer  
**Sent:** March-26-18 5:05 PM  
**To:** Moore, Wayne

**Cc:** Levesque, Keith; Virc, Stephen  
**Subject:** RE: Hudson Mitigation Strategy  
**Importance:** High

Wayne,

Attached is a first draft of a memo that articulates the Hudson mitigation strategy (short and longer term). This strategy was discussed and endorsed by the National Science At Sea Committee on March 9<sup>th</sup> and we were hoping to present this to SEC-Ops for endorsement in early April.


Please let me know if you would like any changes made to the memo or if we can circulate this draft to the Atlantic RDSs as is.

Thanks,  
Jen


s.21(1)(b)

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**From:** Vézina, Alain  
**Sent:** March-26-18 10:07 AM  
**To:** Moore, Wayne; McCallum, Barry; de Lafontaine, Yves  
**Cc:** Vollrath, Jennifer  
**Subject:** RE: Comparative Fishing



**From:** Moore, Wayne  
**Sent:** Monday, March 26, 2018 9:53 AM  
**To:** Vézina, Alain <Alain.Vezina@dfo-mpo.gc.ca>; McCallum, Barry <Barry.McCallum@dfo-mpo.gc.ca>; de Lafontaine, Yves <Yves.deLafontaine@dfo-mpo.gc.ca>  
**Cc:** Vollrath, Jennifer <Jennifer.Vollrath@dfo-mpo.gc.ca>  
**Subject:** Re: Comparative Fishing



W

**From:** Moore, Wayne  
**Sent:** Monday, March 26, 2018 8:49 AM  
**To:** de Lafontaine, Yves <Yves.deLafontaine@dfo-mpo.gc.ca>; McCallum, Barry <Barry.McCallum@dfo-mpo.gc.ca>; Vézina, Alain <Alain.Vezina@dfo-mpo.gc.ca>  
**Cc:** Vollrath, Jennifer <Jennifer.Vollrath@dfo-mpo.gc.ca>  
**Subject:** RE: Comparative Fishing

yep

**From:** de Lafontaine, Yves  
**Sent:** March 26, 2018 7:45 AM  
**To:** Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>; McCallum, Barry <Barry.McCallum@dfo-mpo.gc.ca>; Vézina, Alain <Alain.Vezina@dfo-mpo.gc.ca>

**Cc:** Vollrath, Jennifer <Jennifer.Vollrath@dfo-mpo.gc.ca>

**Subject:** Re: Comparative Fishing

I do agree and like your point #2 - formal request signed by Arran?

Envoyé de mon smartphone BlackBerry 10 sur le réseau Bell.

**De:** Moore, Wayne

**Envoyé:** lundi 26 mars 2018 07:32

**À:** McCallum, Barry; de Lafontaine, Yves; Vézina, Alain

**Cc:** Vollrath, Jennifer

**Objet:** RE: Comparative Fishing

I think it is on their screen as a planning factor which is most important, however, I took away a couple of things.

- 1) I think it would be useful to continue to socialize the deck up and down the department (eg, Mario P, RDGs?). In order to help this, I think Greg is right about polishing our narrative about the what-if this does not happen. We should get a few people together and sort that one out in really concrete terms. The Wangersky article this morning was also timely in this regard.
- 2) I think we need to put in a formal written request – we can start drafting something here.
- 3) I think we should touch base in a followup session – whether it is everyone or me and my CCG colleagues.

We also have a new DG Operations to brief as Julie Gascon is coming into the job in summer.

Sound about right?

**From:** McCallum, Barry

**Sent:** March 26, 2018 7:15 AM

**To:** de Lafontaine, Yves <Yves.deLafontaine@dfo-mpo.gc.ca>; Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>; Vézina, Alain <Alain.Vezina@dfo-mpo.gc.ca>

**Subject:** Comparative Fishing

Did you guys get a sense of “next steps” coming out of Fridays discussion?

barry

## Look Ahead for the 2019 CCGS *Hudson* Field Season

Updated: 4 April 2018

According to the preliminary CCG planning schedule, the next CCGS *Hudson* Vessel Life Extension (VLE) phase is scheduled to start in December 2018 and end in June 2019. There are currently two science missions that are confirmed affected by the 2019 *Hudson* VLE; the Spring Atlantic Zone Monitoring Program (Maritimes Region) and the Atlantic Zone Off-Shelf Monitoring Program. However, given the lessons learned from 2017 and the extent of the refit planned for 2019, the short-term strategy proposed to mitigate risks to departmental outcomes is for EOS and NRCan to undertake the re-profiling of the entire 2019 *Hudson* science programming on alternative vessels (CCG vessel and charters).

Table 1: 2019 DFO Science and NRCan missions to be re-profiled due to the uncertainty/unavailability of the CCGS *Hudson*

Mission	Current Strategy
<p><b>Spring Atlantic Zone Monitoring Program (AZMP) – Maritimes Region</b></p> <ul style="list-style-type: none"> <li>Annually scheduled from April to mid-May on CCGS <i>Hudson</i> (■■■ days)</li> <li>The Maritimes Region AZMP is part of the larger AZMP survey program carried out jointly with all the DFO Atlantic Regions.</li> <li>See Annex 3 for study area.</li> </ul>	<ul style="list-style-type: none"> <li>A draft Statement of Work (SOW) for the 2019 Spring AZMP has been developed in collaboration between NCR and the Maritimes Region.</li> <li>The draft SOW was improved following comments received from potential bidders/vessel operators at the Science Vessel Charter Information Session held on February 28.</li> <li>On March 28<sup>th</sup> 2018, the SOW was submitted through the RFP process for a vessel charter.</li> <li>An Oceanographic Research Vessel is required for■■■ continuous days within the time period of March 15, 2019 to April 30, 2019 at the latest.</li> <li>The current estimated cost of chartering an oceanographic research vessel for a period of ■■■ days is ■■■ CAD (excl. GST/HST).</li> <li>Chartering cost for this mission would be covered using the carry over (\$3.8M) from the funds transferred to EOS by CCG for the 2017 <i>Hudson</i> Charters.</li> </ul>
<p><b>Atlantic Zone Off-Shelf Monitoring Program (AZOMP) – Maritimes Region</b></p> <ul style="list-style-type: none"> <li>Annually scheduled in May-June on CCGS <i>Hudson</i> (■■■ days)</li> <li>See Annex 3 for study area.</li> </ul>	<ul style="list-style-type: none"> <li>A Statement of Work (SOW) for the 2019 AZOMP has been developed in collaboration between NCR and the Maritimes Region.</li> <li>The draft SOW was improved following comments received from potential bidders/vessel operators at the Science Vessel Charter Information Session held on February 28.</li> <li>On March 28<sup>th</sup> 2018, the SOW was submitted through the RFP process for a vessel charter.</li> <li>An Oceanographic Research Vessel is required for a period of ■■■ continuous days within the time period of May 1, 2019 up to June 15, 2019 at the latest.</li> <li>The current estimated cost of chartering an oceanographic research vessel for a period of ■■■ days is ■■■</li> </ul>

s.21(1)(b)



	<p>CAD (excl. GST/HST).</p> <ul style="list-style-type: none"> <li>Chartering cost for this mission would be covered using the carry over (\$3.8M) from the funds transferred to EOS by CCG for the 2017 <i>Hudson</i> Charters.</li> </ul>
<p><b>NRCan-DFO Scotian Slope Mission</b></p> <ul style="list-style-type: none"> <li>Tentatively planned for July-August 2019 (21-28 days)</li> </ul>	<ul style="list-style-type: none"> <li>A Statement of Work (SOW) for the NRCan-DFO Scotian Slope Mission will be developed in collaboration between NCR and the Maritimes Region</li> <li>Mission requiring the use of a working-class Remotely Operated Vehicle (e.g. ROPOS) and a drop-camera system.</li> </ul>
<p><b>Fall Atlantic Zone Monitoring Program (AZMP) – Maritimes Region</b></p> <ul style="list-style-type: none"> <li>The fall Maritimes AZMP time window is usually mid-Sept to mid-Oct.</li> <li>The Maritimes Region AZMP is part of the larger AZMP survey program carried out jointly with all the DFO Atlantic Regions.</li> <li>See Annex 3 for study area.</li> </ul>	<ul style="list-style-type: none"> <li>Based on the Statement of Work (SOW) from 2017, the Fall Maritimes AZMP Mission will be developed in collaboration between NCR and the Maritimes Region.</li> <li>The SOW will also incorporate comments received from potential bidders/vessel operators at the Science Vessel Charter Information Session held on February 28.</li> </ul>
<p><b>Gulf Monitoring Program – Quebec Region AZMP</b></p> <ul style="list-style-type: none"> <li>The Gulf Monitoring Program (QC AZMP) time window is usually mid-Oct to early-Nov, but has been conducted as late as December.</li> <li>The Quebec Region AZMP is part of the larger AZMP survey program carried out jointly with all the DFO Atlantic Regions.</li> <li>See Annex 3 for study area.</li> </ul>	<ul style="list-style-type: none"> <li>Based on the Statement of Work (SOW) from 2017, a Statement of Work (SOW) for the Fall Gulf of St. Lawrence AZMP Mission will be developed in collaboration between NCR and the Quebec Region.</li> <li>The SOW will also incorporate comments received from potential bidders/vessel operators at the Science Vessel Charter Information Session held on February 28.</li> </ul>
<p><b>Newfoundland Oceanography Monitoring Program – Newfoundland &amp; Labrador Region AZMP</b></p> <ul style="list-style-type: none"> <li>The Newfoundland Oceanography Monitoring Program (NFLD AZMP) time window is usually mid-Nov to early-Dec.</li> <li>The NL Region AZMP is part of the larger AZMP survey program carried out jointly with all the DFO Atlantic Regions.</li> <li>See Annex 3 for study area.</li> </ul>	<ul style="list-style-type: none"> <li>Based on the Statement of Work (SOW) from 2017, a Statement of Work (SOW) for the Fall Newfoundland and Labrador AZMP Mission will be developed in collaboration between NCR and the N&amp;L Region.</li> <li>The SOW will also incorporate comments received from potential bidders/vessel operators at the Science Vessel Charter Information Session held on February 28.</li> </ul>

Annex 1: Request for Proposal and Bid Evaluation Process

Based on lessons learned from the 2017 field season the following process has been developed for RFP bid evaluation.

- Only the Contracting Authority communicates with the bidders.
- All bids received for a specific RFP are evaluated by a technical evaluation committee.
- The committee is composed of a Chair and 3 other subject matter experts from different DFO regions.
- After closure, bids are consolidated by Contracting Authority and provided to the Chair.
- Chair distributes the bid packages to the technical evaluation committee members, who have all signed a confidentiality agreement.
- Committee members evaluate the bids independently – without consultation with other members.
- Chair consolidates the evaluations received from committee members.
- Committee then meets collectively to review each member's evaluation and write the Final Report to be submitted to the Contracting Authority.
- Once the technical evaluation is completed, the financial evaluation of all technically compliant bids is done by the Contract Authority.
- From the closing of the RFP to awarding of contract – 2 weeks to one month.
- **Note:** before contract award, Fisheries and Oceans Canada reserves the right to conduct a scheduled site visit with the compliant Bidder(s) to confirm contractor capability and vessel capacity in accordance with the Statement of Work and Evaluation Criteria.

## Annex 2: Synopsis of Information Session – February 28, 2018 at the Bedford Institute of Oceanography

An information session was held on February 28, 2018 at the Bedford Institute of Oceanography with potential vessel operators and/or bidders to increase the understanding of the science requirements for vessel capabilities as well as the Federal Government of Canada's procurement process for vessel charters.

This one day session included:

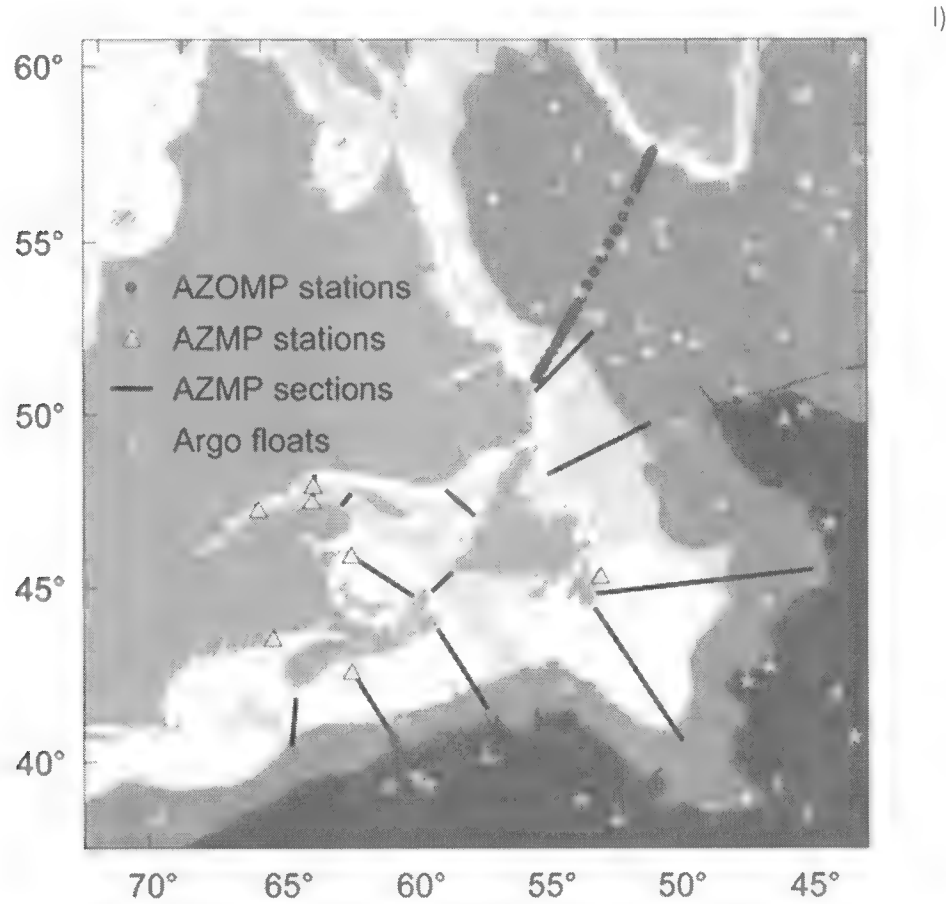
- an overview of the science programs and technical requirements of the DFO and NRCan research missions that will be taking place during the 2019 field operations within the Northwest Atlantic Ocean and Gulf of the St. Lawrence;
- a presentation by procurement advisors that detailed key elements of the procurement process; and
- an opportunity to see first-hand some of the scientific instrumentation that will be used and/or deployed during the missions at sea.

Comments and feedback from vessel operators and/or potential bidders concerning draft elements of the potential solicitation were discussed. Q&As on each individually released element comprising the solicitation (i.e., draft Vessel Specifications, draft Concept of Operations and draft SOWs). The goal being to improve the drafts, where deemed necessary, and post the finalized solicitation package in March 2018.

There were a total of 21 potential bidders participating, representing 15 companies/organizations (13 attended in person and 8 via WebEx). Feedback received was very positive – participants enjoyed the presentations and the opportunity to ask questions and they provided very good comments that we will be able to consider in our final version of the RFPs and future RFPs. The participants also appreciated seeing the science equipment first hand.

There was representation internally by DFO (Science and Procurement), CCG and NRCan.

Annex 3: Sampling stations of the AZOMP and AZMP programs



## **Virc, Stephen**

**From:** Vollrath, Jennifer  
**Sent:** Friday, April 13, 2018 1:31 PM  
**To:** Moore, Wayne; Blumberga, Una; Virc, Stephen  
**Cc:** Levesque, Keith  
**Subject:** FW: OFSV charter update FY 2018/19 - Pacific Region

s.20(1)(b)  
s.20(1)(c)  
s.21(1)(b)

Contingency plan in place for the Pacific 'Ricker' at sea science programs for 2018/19 with an option year.

Interesting point to note – FY2018/19 charter costs = ~\$2.8M (with the removal of the 'Year of the Salmon' survey)  
Historically our FOP for the Ricker was = ~\$3.7M

Regards,  
Jennifer

**From:** Wyeth, Malcolm  
**Sent:** Thursday, April 12, 2018 4:15 PM  
**To:** Holmes, John; Lowe, Carmel  
**Cc:** Fong, Ken; Workman, Greg  
**Subject:** OFSV charter update

Hi

The contract for the OFSV charter has been signed and includes an option for 2019/2020 which is great because it means we won't have to go through this again next year! That being said, the Cost Analysis part of procurement are not happy and will want to do a full analysis of any future contracts. This means starting the process at least 6 months in advance.

The vessels will be the Nordic Pearl, Frosti, and Sea Crest and we have used all of them in the past.

Our original request [REDACTED] was based on our anticipated daily rates [REDACTED] for the Nordic Pearl and Frosti and [REDACTED] for the Sea Crest. The actual daily rates [REDACTED] The Year of the Salmon Survey was removed from the contract but assuming all the remaining work is conducted, the total amount of the contract in 2018/2019 will be \$2.78 million.

Last year the funds were transferred to the ARRAD/ StAR division in specific coding that Judy set up. I suggest that both Ken and I should have signing authority for the invoices. I would suggest the absolute latest that the funding should be transferred is by the end of May.

I've included a more detailed table below of when we expect the invoices and the expected amounts.

Malcolm Wyeth

Groundfish Surveys Biologist, Groundfish Section, Stock Assessment & Research Division (StAR)

Science Branch/ Pacific Region

Fisheries and Oceans Canada / Government of Canada

[Malcolm.Wyeth@dfo-mpo.gc.ca](mailto:Malcolm.Wyeth@dfo-mpo.gc.ca) / Tel: 250-756-7300

s.20(1)(b)

s.20(1)(c)

s.21(1)(b)

Section des Poissons de Fond, Division de L'Évaluation des Stocks et de la Recherche (ÉStR)

Direction des Sciences Pacifique

Pêches et Océans Canada / Gouvernement du Canada

[Malcolm.Wyeth@dfo-mpo.gc.ca](mailto:Malcolm.Wyeth@dfo-mpo.gc.ca) / Tél: 250-756-7300

Survey number	Short Name	Vessel	2018 daily rate	Anticipated invoice date (survey end plus 1 week)	Anticipated invoice
1	Small-mesh Bottom Trawl	Nordic Pearl		May 27, 2018	
2	Synoptic Bottom Trawl	Nordic Pearl		July 1, 2018	
3	Integrated Pelagics	Nordic Pearl		August 5, 2018	
4	Summer Killer Whale/ Pacific Hake	Nordic Pearl		September 7, 2018	
5	Winter Killer Whale/ Pacific Hake	Frosti		April 6, 2019	
6	<del>Year of the Salmon</del> CANCELLED	<del>Nordic Pearl</del>	-	<del>April 7, 2019</del>	\$0
7	Summer Juvenile Salmon	Sea Crest		June 23, 2018	
8	Summer Strait of Georgia Salmon	Sea Crest		July 11, 2018	
9	Fall Strait of Georgia Salmon	Sea Crest		October 6, 2018	
10	Fall Juvenile Salmon	Sea Crest		October 14, 2018	
				<b>Total</b>	<b>\$2,779,920</b>

## **Virc, Stephen**

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**From:** Vollrath, Jennifer  
**Sent:** Monday, June 25, 2018 5:14 PM  
**To:** Moore, Wayne; Virc, Stephen  
**Subject:** RE: Vessel Budget vs CCG FOP and Charters (The Big Picture)

[REDACTED] We are not anticipating any funds from CCG for chartering this fiscal year (FY2018/19).

In FY 2017/18 we (Science) requested and received an additional \$3.4M (FY2017/18) once it was determined that the Hudson would be out the entire field season (and not 'just' the Spring AZMP and AZOMP missions). The funding source of this additional of the \$3.4M was CCG, ITS. As we were unable to enter into charters for the NRCan and the AZOMP missions it was agreed that Science would retain these funds to source other vessel mitigation requirements.

Hope this helps clarify,  
Jennifer

s.19(1)

s.21(1)(b)

s.69(1)(g) re: (a)

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**From:** McPherson, Arran  
**Sent:** June-25-18 4:31 PM  
**To:** Moore, Wayne  
**Cc:** White, Andrea; Virc, Stephen; Vollrath, Jennifer  
**Subject:** FW: Vessel Budget vs CCG FOP and Charters (The Big Picture)  
**Importance:** High

Thanks Wayne. [REDACTED]  
are we anticipating receiving additional funds from CCG this year (and if so, are they included in the below)?

**From:** Moore, Wayne  
**Sent:** Monday, June 25, 2018 2:35 PM  
**To:** McPherson, Arran <Arran.McPherson@dfo-mpo.gc.ca>  
**Cc:** Alexander, Steven <Steven.Alexander@dfo-mpo.gc.ca>  
**Subject:** FW: Vessel Budget vs CCG FOP and Charters (The Big Picture)

[REDACTED] Steve will be able to discuss with you if you need to chat more in my absence.

W

**From:** Vollrath, Jennifer  
**Sent:** June 22, 2018 3:56 PM  
**To:** Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>; Virc, Stephen <Stephen.Virc@dfo-mpo.gc.ca>  
**Cc:** Lyrette, Annie <Annie.Lyrette@dfo-mpo.gc.ca>  
**Subject:** Vessel Budget vs CCG FOP and Charters (The Big Picture)

Hi Wayne,

As discussed here is the table Vessel budget vs CCG FOP and Charters

	Salary	O&M	Fuel	
EOS Vessel Budget	20,670,374	18,142,467		38,812,841
CCG FOP FY 2018/19 (14 vessels)	-23,068,087	-5,355,632	-6,362,623	-34,786,342
Maintenance		-4,050,000		-4,050,000
Ricker Charters (Pacific)		-2,779,920		-2,779,920
Amundsen 3.5 days (ATLAS)		-120,000		-120,000
Newfoundland Charter		-770,000		-770,000
<b>Remaining Funds</b>	<b>-2,397,713</b>	<b>5,066,915</b>	<b>-6,362,623</b>	

I am still verifying the following CCG FOP costs:

- Teleost +\$900K (-47 days from last year)
- Needler +\$1.2M (+58 days more than last year)
- Hudson +\$1.1M (+62 days from last year)

s.21(1)(b)



Higdon, Jennifer J

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**From:** Vollrath, Jennifer  
**Sent:** June-29-18 3:47 PM s.19(1)  
**To:** Higdon, Jennifer J  
**Subject:** FW: Contract extension that requires authorization at higher than 50% s.21(1)(b)

[REDACTED]

[REDACTED]

**From:** McCallum, Barry  
**Sent:** June-29-18 2:14 PM  
**To:** Davis, Ben; Lewis, Sara J; Sheppard, George  
**Cc:** Duggan, Charmaine; Vollrath, Jennifer; McPherson, Arran; Smith, Darlene; Clark, Don S (SABS); Moore, Wayne  
**Subject:** Re: Contract extension that requires authorization at higher than 50%

[REDACTED]

Barry

Sent from my BlackBerry 10 smartphone on the Bell network.

**From:** Davis, Ben  
**Sent:** Friday, June 29, 2018 3:41 PM  
**To:** Lewis, Sara J; Sheppard, George  
**Cc:** Duggan, Charmaine; Vollrath, Jennifer; McPherson, Arran; McCallum, Barry; Smith, Darlene; Clark, Don S (SABS); Moore, Wayne  
**Subject:** RE: Contract extension that requires authorization at higher than 50%

Folks,

I just got confirmation from Charmaine Duggan that the Procurement HUB has everything in the system for our contract extension so we have a solid solution for both regions. My thanks to everyone to has brainstormed ideas to make this work out and particularly to our NHQ colleagues for risk managing the costs.

I will also be writing a note of thanks to the procurement group. This is the second time in five weeks that they have provided an 11<sup>th</sup> hour fix for us and I know we all appreciate it.

[REDACTED]

Ben

[REDACTED]

**From:** Davis, Ben  
**Sent:** June-29-18 11:50 AM  
**To:** Bourret, Jean-Daniel  
**Cc:** Gosselin, Francis; Duggan, Charmaine; Desgroseilliers-Roy, David; Marchand, Morgan K; Vollrath, Jennifer; McPherson, Arran; McCallum, Barry; Smith, Darlene  
**Subject:** Contract extension that requires authorization at higher than 50%

Bonjour Jean-Daniel,

I am hoping you can help me with a contract extension for Contract F5211-180165 which expires on June 30 (tomorrow). We have tried unsuccessfully to get in touch with Francis Gosselin which is why I am reaching out to you.

There are two at-sea surveys scheduled to start next week on two CCG vessels— one in the NL Region and one in the MAR Region. However, we learned very recently that one of the vessels is broken and unavailable to us. Our solution is to amend and extend a current contract we have with the MV Coriolis II to cover the NL Region survey. However, I understand the rules allow us to only extend the contract at 50% of the original value which would be \$306K. We need the extension at a value of \$525K and I am seeking approval from you for the extension at that level.

If we can do an extension on Tuesday, that may reduce some of the urgency for today but I am not sure of the rules.

You will receive this information from David Desgroseillers-Roy as well but I wanted to give you some additional context.

I can be reached at 709-691-4260 to answer any additional questions.

Thank you very much.

Ben

Ben Davis, Ph.D  
Division Manager, Aquatic Resources  
Science Branch, Fisheries and Oceans Canada  
80 East White Hills Road  
P.O. Box 5667, St. John's NL A1C 5X1  
(709) 691-4260 // fax/télécopieur (709) 772-6100  
[ben.davis@dfo-mpo.gc.ca](mailto:ben.davis@dfo-mpo.gc.ca)  
Direction des Sciences  
C.P. 5667, St. Jean TNL A1C 5X1  
Government of Canada/Gouvernement du Canada

## Higdon, Jennifer J

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**From:** McPherson, Arran  
**Sent:** June-29-18 7:09 AM  
**To:** Vollrath, Jennifer; Moore, Wayne; Virc, Stephen  
**Cc:** Higdon, Jennifer J; White, Andrea  
**Subject:** Re: The Needler - Summer Ecosystem Survey

Thanks Jennifer - pls tell them to go ahead. Arran

Sent from my BlackBerry 10 smartphone on the Bell network.

**From:** Vollrath, Jennifer  
**Sent:** Thursday, June 28, 2018 10:27 PM  
**To:** McPherson, Arran; Moore, Wayne; Virc, Stephen  
**Cc:** Higdon, Jennifer J; White, Andrea  
**Subject:** RE: The Needler - Summer Ecosystem Survey

Given the long weekend and the need to mobilize gear and personnel, N&L will need to know ASAP if they have the green light to proceed if they are able to extend the charter contract. We would also want to give CCG the heads-up of our plan.

In consultation with both Maritimes and N&L, all other options/scenarios we examined have multiple program impacts and would require using other CCG vessels to conduct some mooring operations. These other options also would have cost implications.

This is the only option that is 'win/win' for both Science and CCG. It is a good mitigation strategy as we realize our Science missions without impacts and CCG gets more time to ensure the repair is done within this 8 week period.

Thanks,  
Jennifer

**From:** McPherson, Arran  
**Sent:** June-28-18 6:24 PM  
**To:** Vollrath, Jennifer; Moore, Wayne; Virc, Stephen  
**Cc:** Higdon, Jennifer J; White, Andrea  
**Subject:** RE: The Needler - Summer Ecosystem Survey

Thanks. Ok, so, when is the deadline for a decision and it doesn't seem like we have another option. Correct?

**From:** Vollrath, Jennifer  
**Sent:** Thursday, June 28, 2018 5:36 PM  
**To:** Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>; McPherson, Arran <Arran.McPherson@dfo-mpo.gc.ca>; Virc, Stephen <Stephen.Virc@dfo-mpo.gc.ca>  
**Cc:** Higdon, Jennifer J <Jennifer.Higdon@dfo-mpo.gc.ca>; White, Andrea <Andrea.White@dfo-mpo.gc.ca>  
**Subject:** RE: The Needler - Summer Ecosystem Survey

No, that option wasn't viable for the following 3 reasons:

1) doesn't give enough of a time window to fix the Needler and therefore will impact the subsequent missions;

- 2) Needler couldn't do some of the mooring work (e.g. Viking Buoy) and we'd then be scrambling to find other CCG vessels to help; and
- 3) not enough berths on the Needler and would need to truncate the AZMP mission.

I have asked CCG to estimate how much fuel and provision 'savings' there would be if we didn't use the Needler from July 3 to August 30.

Thanks,  
Jen

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**From:** Moore, Wayne  
**Sent:** June-28-18 4:41 PM  
**To:** McPherson, Arran; Vollrath, Jennifer; Virc, Stephen  
**Cc:** Higdon, Jennifer J; White, Andrea  
**Subject:** Re: The Needler - Summer Ecosystem Survey

Jenn - was there not a viable option of flipping the Needler and teleost?

Sent from my BlackBerry 10 smartphone on the Rogers network.

**From:** McPherson, Arran  
**Sent:** Thursday, June 28, 2018 9:13 PM  
**To:** Vollrath, Jennifer; Moore, Wayne; Virc, Stephen  
**Cc:** Higdon, Jennifer J; White, Andrea  
**Subject:** RE: The Needler - Summer Ecosystem Survey

Thanks. When is the deadline for responding to this? I don't see that we have a choice but to say yes. Others?

**From:** Vollrath, Jennifer  
**Sent:** Thursday, June 28, 2018 2:33 PM  
**To:** McPherson, Arran <Arran.McPherson@dfo-mpo.gc.ca>; Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>; Virc, Stephen <Stephen.Virc@dfo-mpo.gc.ca>  
**Cc:** Higdon, Jennifer J <Jennifer.Higdon@dfo-mpo.gc.ca>; White, Andrea <Andrea.White@dfo-mpo.gc.ca>  
**Subject:** RE: The Needler - Summer Ecosystem Survey

As Wayne is on work travel in Europe and due to the time sensitive nature of this issue I am chiming in directly.

This solution is a win/win for NL and Maritimes Science.

Although we are currently in the red in the vessel bank account, if NL are able to extend the *Coriolis II* this option would be the recommended approach. This would allow CCG 8 weeks to repair the Needler from July 3 to August 30 **AND** would greatly increase the likelihood that the vessel would be ready for the Shellfish Survey (Aug 30 – Sept 11), immediately followed by NL Fall Multispecies survey (which wasn't completed this Spring). History has shown that these types of repairs are longer than the estimated time (~4 weeks).

Options for funding \$500K to extend the charter:

1. Fuel and provision savings from Needler
2. Seek funding assistance from CCG
3. Potential savings from forensic accounting exercise of Fleet Operating Plan (FOP)

Best regards,  
Jennifer

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**From:** Davis, Ben  
**Sent:** June-28-18 1:46 PM  
**To:** Moore, Wayne; Virc, Stephen; Parsons, Jay  
**Cc:** McPherson, Arran; Laverdure, Louise; McCallum, Barry; Sheppard, George; Mansour, Atef A H; Vollrath, Jennifer; Perry, Jacqueline; Vézina, Alain; Smith, Darlene; Clark, Don S (SABS)  
**Subject:** FW: The Needler - Summer Ecosystem Survey

All,

We may have a potential solution to our vessel problem. The *Coriolis II* is under contract to the NL Region until June 30. We *may* be able to amend the contract to cover off the AZMP survey work in the NL Region. We are waiting on feedback from the procurement HUB on an amendment and the dollar amount that can be added on. Otherwise, we would be looking at an ACAN process that take up to four weeks. We could start the AZMP trip on July 9<sup>th</sup> if we can get an amendment. The *Teleost* would then be able to go to Maritimes region for their ecosystem survey.

The question for NHQ is if the sector can provide an additional approximately \$475-500K to continue the charter?

I am acting for Barry this week. I have him cc'd on this email.

Thanks for consideration

Ben

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**From:** McPherson, Arran  
**Sent:** June-28-18 8:43 AM  
**To:** Pelletier, Mario  
**Cc:** Virc, Stephen; White, Andrea  
**Subject:** FW: The Needler - Summer Ecosystem Survey

Hi Mario, for your info – just received this; based on past experience, we will start getting inquiries so wanted to check if you have already let DMO or MINO know. Thanks, Arran.

#### The Problem:

The Needler came in from the Nfld survey last week with the trawl winches not functional. They steamed to Hfx over the weekend to get them looked at. We did not find out there was a problem on Monday (June 25<sup>th</sup>) until SABS staff were halfway to Halifax to start the Summer Ecosystem Survey. They took the winch motor off and shipped it to Moncton on Monday, where it took them two days to get it opened up so they could look at it (it is old and bolts are rusted solid). The diagnosis is not positive. They need to rebuild the motor, which will require having parts made, since it is now so old that nobody has parts. The initial estimate is 4 weeks. Given that the entire survey is only 6 weeks, this will make completing a survey of any sort extremely difficult.

#### What is at risk:

- The 2019 science advice for the following stocks will have higher uncertainty because we would not have data for 2018 for 4X haddock, 4X cod, Unit 3 redfish, silver hake and Bay of Fundy lobster.

- We are due to conduct a 4X cod framework this fall for the first time since 2009. This will be followed by a full assessment – also the first full assessment since 2009. This is a COSEWIC listed species with a DFO rebuilding plan in place.
- Halibut, 4X flounder and Pollock, along with a variety of secondary stocks.
- In addition, there will be no AZMP summer data for the Scotian Shelf and Bay of Fundy.
- Finally, several b-base projects and university studies will be jeopardized. Some may be able to get samples from commercial vessels, but most will not.
- This also supports a project with Ellen Kenchington to map distribution of benthic invertebrates. Specimens were collected last year (over 200 species) but there may be no additional collection to fill in the gaps this year.

#### **Solutions:**

We have asked about [REDACTED] but it seems it is not likely to be available for a charter; we are in the process of confirming this. [REDACTED] it is fully engaged. Two other options are being investigated:

1. The Teleost, which would be an acceptable substitute for the Needler is scheduled for Nfld AZMP. We have asked Nfld to check and see if it is possible that the Needler could do that, since they do not need a trawl winch and we could then use the Teleost.
2. Perform the scheduled Needler maintenance now (was scheduled for August) while the winch motor is being repaired and then proceed with the survey when the maintenance and winch motor are completed/fixed. This assumes that the winch motor can be repaired in the estimated 4 weeks.

**s.21(1)(b)**

**Higdon, Jennifer J**

**From:** Moore, Wayne  
**Sent:** July-03-18 9:43 AM  
**To:** Vollrath, Jennifer; Virc, Stephen  
**Cc:** Higdon, Jennifer J; Ryan, Patricia  
**Subject:** RE: Vessel Budget vs CCG FOP and Charters as of June 29, 2018

I would like to send her our most solid number

s.19(1)

Trish for bf

**From:** Vollrath, Jennifer  
**Sent:** June 29, 2018 11:59 AM  
**To:** Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>; Virc, Stephen <Stephen.Virc@dfo-mpo.gc.ca>  
**Cc:** Higdon, Jennifer J <Jennifer.Higdon@dfo-mpo.gc.ca>  
**Subject:** Vessel Budget vs CCG FOP and Charters as of June 29, 2018

Revised figures for the vessel budget. We are currently -\$2.7M over budget. However, I am still seeking clarification on some of the FOP CCG vessel charges.

Regards,  
Jen

	Salary	O&M	Fuel	
<b>EOS Vessel Budget</b>	20,670,374	18,142,467		38,812,841
<b>Deductions</b>	97,934	222,103		320,037
<b>TOTAL EOS Vessel Budget</b>	20,572,440	17,920,364		38,492,804
<b>CCG FOP FY 2018/19 (14 vessels)</b>	23,068,087	-5,355,632	-6,362,623	-34,786,342
<b>Layday Budget</b>	1,127,000			
<b>SC Collective Agreement</b>	592,980			
<b>Maintenance</b>		-4,050,000		-4,050,000
<b>Ricker Charters (Pacific)</b>		-2,779,920		-2,779,920
<b>Amundsen 3.5 days (ATLAS)</b>		-120,000		-120,000
<b>Newfoundland Charter (Coriolis II)</b>		-618,575		-618,575
<b>Newfoundland Charter (Coriolis II) extension</b>		-525,000		-525,000
<b>Remaining Funds</b>	-775,667	4,471,237	-6,362,623	-2,667,053

**King, Randy K**

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**From:** Vollrath, Jennifer  
**Sent:** Friday, September 21, 2018 6:01 PM  
**To:** Higdon, Jennifer J; King, Randy K  
**Subject:** FW: Proposed edits to Hudson memo

s.21(1)(b)

FYI

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**From:** Vollrath, Jennifer  
**Sent:** September-21-18 5:00 PM  
**To:** Moore, Wayne  
**Cc:** Virc, Stephen  
**Subject:** RE: Proposed edits to Hudson memo

I am not sure if CCG has sent a revised version of the joint memo that you provided.

There are three key points that I don't see in this version of the memo that I think are important for Senior Management to make an informed decision:

- the fact that the CCG, ITS categorization of Hudson even after the \$30M VLE is "major repairs required to the systems" (as per the August 2016 VLE EPA);
- the fact that the Hudson was designed for an operating life of 30 years and it is now over 55 years; and
- the fact that there is still uncertainty surrounding the OOSV delivery date. Since 2007, the OOSV delivery date has shifted to the right 8 times with another shift anticipated to be announced in September 2018. MCP has indicated that the OOSV will not be in service in 2022.

Charter and Hudson Costing Info for FY 2017/18:

- EOS expended \$3.2M in charters for 4 programs usually conducted on the Hudson (Spring and Fall AZMP, QC AZMP and N&L AZMP).
- EOS transferred ~\$6M to CCG for fixed costs of Hudson (no Science program days were delivered in FY2017/18).
- EOS and NRCAN were unable to secure charter(s) for the AZOMP and NRCAN Geoscience missions. The Benthic – Ecology of the Atlantic was conducted on the CCGS *Martha L Black*.

Hudson operating costs (Fixed and Voyage) for this FY2018/19 are \$8.5M (DFO usage = \$7.2M and NRCAN usage = \$1.3M)

Please let me know if there is anything else required.

Thanks,  
Jennifer

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**From:** Moore, Wayne  
**Sent:** September-10-18 8:59 AM  
**To:** Gascon, Julie  
**Cc:** Virc, Stephen; Vollrath, Jennifer  
**Subject:** Proposed edits to Hudson memo

Here are my suggestions. Sorry for the delay.



Most of them are clarifications or precisions. I think we could be stronger on financials overall but would appreciate your view here.

Steve & Jenn -- could you re-read to make sure I have not scrambled the facts here. I do not think this needs to have a lot of additional text but provides background to sort out the issue.

Thanks all...See you Wednesday a.m.

W

## Vollrath, Jennifer

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**From:** Vollrath, Jennifer  
**Sent:** November-13-18 2:11 PM  
**To:** Ryan, Patricia  
**Cc:** Lyrette, Annie  
**Subject:** FW: Budget Transfer Coriolis - NL Charters 2018  
**Attachments:** Budget transfer Coriolis.xls; Re: The Needler - Summer Ecosystem Survey  
  
**Importance:** High

Ili Trish,

Can you please have Arran sign this budget transfer for the NL charters this year. (Background email attached.)

Please let me know if you have any questions.

Thanks,  
Jennifer

---

**From:** Lyrette, Annie  
**Sent:** November-13-18 10:11 AM  
**To:** Vollrath, Jennifer  
**Subject:** Budget Transfer Coriolis

Good morning Jennifer!

See attached the budget transfer form for the Newfoundland Charter (Coriolis). I am sorry, I didn't have time last week to have the BT form done. Can you take a look at it and if you are ok with it, can you please send it to Patricia Ryan to have the ADM's signature.

Let me know if you have any questions.

*Annie Lyrette*

Financial Management Advisor / Conseillère en gestion financière  
Financial Management Advisory Services / Services consultatifs en gestion financière  
Fisheries and Oceans Canada / Pêches et Océans Canada  
Immeuble Centennial Towers  
9N102B – 200, rue Kent St.  
Ottawa, Ontario K1A 0E6  
Tel. / Tél.: (613)295-0358

Transfer #

Transfer Description for Abacus Entry

Use Budget Transfer screen  
Utiliser l'écran Transférer les budgets**BATCH NAME:**  
**NOM DU LOT:****FINANCIAL PLAN INPUT - TRANSFER OR ADJUSTMENTS**  
**DONNÉES SUR LE PLAN FINANCIER - TRANSFERTS OU RAJUSTEMENTS**  
**(\$'s)****FISCAL YEAR/ANNÉE FINANCIÈRE 2018-2019**

BUDGET NAME/NOM BUDGET: Ecosystem and Oceans Science Sector/DG Strategic &amp; Regulatory Science

FROM RESPONSIBILITY CENTRE DESCRIPTION: 61012

DESCRIPTION DU CENTRE DE RESPONSABILITÉ DE:

TO RESPONSIBILITY CENTRE DESCRIPTION:

DESCRIPTION DU CENTRE DE RESPONSABILITÉ À: **N&L**

ACCOUNTING FLEXFIELD / CLÉ COMPTABLE FLEXIBLE						TRANSFER AMOUNT/MONTANT DU TRANSFERT (ENTER PERIOD 1 ONLY) (DANS LA PÉRIODE 1 SEULEMENT)
RESP RESP	BUS LINE ACT. PRINC.	ALLOTMENT AFFECTATION	LOBJ ART. D'EXE	PROJECT PROJET	DEPT MIN.	
61012	805	120	X X X X	00000	6	\$ (1,143,575)
1P000	805	120	XXXX	00000	6	\$ 1,143,575

ACCOUNTING FLEXFIELD / CLÉ COMPTABLE FLEXIBLE						TRANSFER AMOUNT/MONTANT DU TRANSFERT (ENTER PERIOD 1 ONLY) (DANS LA PÉRIODE 1 SEULEMENT)
RESP RESP	BUS LINE ACT. PRINC.	ALLOTMENT AFFECTATION	LOBJ ART. D'EXE	PROJECT PROJET	DEPT MIN.	

ACCOUNTING FLEXFIELD / CLÉ COMPTABLE FLEXIBLE						TRANSFER AMOUNT/MONTANT DU TRANSFERT (ENTER PERIOD 1 ONLY) (DANS LA PÉRIODE 1 SEULEMENT)
RESP RESP	BUS LINE ACT. PRINC.	ALLOTMENT AFFECTATION	LOBJ ART. D'EXE	PROJECT PROJET	DEPT MIN.	

ACCOUNTING FLEXFIELD / CLÉ COMPTABLE FLEXIBLE						TRANSFER AMOUNT/MONTANT DU TRANSFERT (ENTER PERIOD 1 ONLY) (DANS LA PÉRIODE 1 SEULEMENT)
RESP RESP	BUS LINE ACT. PRINC.	ALLOTMENT AFFECTATION	LOBJ ART. D'EXE	PROJECT PROJET	DEPT MIN.	

**Description:** Newfoundland Charter Coriolis II \$618,575 and Newfoundland Charter Coriolis II extension \$525,000

FROM/DE

TO/À

AUTHORIZED BY/AUTORISÉ PAR:

DATE:

AUTHORIZED BY/AUTORISÉ PAR:

DATE:

Is this transfer or adjustment permanent?/Est-ce que ce transfert ou ce rajustement est permanent?

YES/OUI \_\_\_\_\_ NO/NON X \_\_\_\_\_

If yes, ensure proper authorisations have been obtained and send all documentation to F&amp;A for processing in the official database of budget allocations.

Si oui, s'assurer que les autorisations requises ont été obtenues et envoyer toute la documentation au bureau régional F et A pour l'entrée dans la base

de données des allocations budgétaires.

Verified by FMA/Vérfié par CGF:

Date:

**Pages 68 to / à 71  
are duplicates of  
sont des duplicatas des  
pages 59 to / à 62**

## Vollrath, Jennifer

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**From:** Vollrath, Jennifer  
**Sent:** December-03-18 12:08 PM  
**To:** Davis, Ben  
**Subject:** RE: The Needler - Summer Ecosystem Survey

This is for the charter extension (\$525K). I'm looking for the original charter work of the *Coriolis II* (\$618,575).

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**From:** Davis, Ben  
**Sent:** December-03-18 11:48 AM  
**To:** Vollrath, Jennifer  
**Subject:** FW: The Needler - Summer Ecosystem Survey

And this one.

Bern

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**From:** Vollrath, Jennifer  
**Sent:** June-29-18 2:41 PM  
**To:** Ivany, Gary; Brunet, Mélanie; Atchison, Chris; LeBlanc, Michèle ( NCR )  
**Cc:** Higdon, Jennifer J; Caissie, Natasha; Sheppard, George; Smith, Darlene; Davis, Ben; Moore, Wayne; Virc, Stephen  
**Subject:** RE: The Needler - Summer Ecosystem Survey

Given that the trawl winches on the Needler are non-operational - the following mitigation strategy has been approved by ADM Science.

- **NL AZMP Mission** (July 8 to July 29) - NL Science to proceed with the extension of the vessel charter of the *Coriolis II* to conduct the NL AZMP mission (instead of the *CCGS Teleost*).
- **Maritimes Multispecies Survey** July 3 to August 13 – now to be conducted on the *CCGS Teleost* (instead of the *CCGS Needler*).

By Science using this charter for the NL AZMP mission, it creates a window of opportunity to allow CCG 8 weeks to repair the Needler - from July 3 to August 30. Please note that it is imperative that the Needler be ready for the Shellfish Survey (Aug 30 – Sept 11), immediately followed by NL Fall Multispecies survey (which wasn't completed this Spring). As this charter is an additional funding pressure, Science will be looking for FOP 'savings' in the fuel and provisions associated with the Needler being off program for the next 8 weeks.

Please feel free to forward this email to the appropriate CCG regional personnel as well to ensure we have a common understanding.

If you require any further clarification please feel free to give me a call.

Kind regards,  
Jennifer

**Jennifer Vollrath**

National Manager, Assets & Infrastructure, Office of Partnership and Collaboration  
Ecosystems and Oceans Science Sector  
Fisheries and Oceans Canada / Government of Canada  
[Jennifer.Vollrath@dfo-mpo.gc.ca](mailto:Jennifer.Vollrath@dfo-mpo.gc.ca) / Tel: 613-990-0291



**From:** McPherson, Arran  
**Sent:** June-28-18 8:43 AM  
**To:** Pelletier, Mario  
**Cc:** Virc, Stephen; White, Andrea  
**Subject:** FW: The Needler - Summer Ecosystem Survey

s.21(1)(b)

Hi Mario, for your info just received this; based on past experience, we will start getting inquiries so wanted to check if you have already let DMO or MINO know. Thanks, Arran.

### The Problem:

The Needler came in from the Nfld survey last week with the trawl winches not functional. They steamed to Hfx over the weekend to get them looked at. We did not find out there was a problem on Monday (June 25<sup>th</sup>) until SABS staff were halfway to Halifax to start the Summer Ecosystem Survey. They took the winch motor off and shipped it to Moncton on Monday, where it took them two days to get it opened up so they could look at it (it is old and bolts are rusted solid). The diagnosis is not positive. They need to rebuild the motor, which will require having parts made, since it is now so old that nobody has parts. The initial estimate is 4 weeks. Given that the entire survey is only 6 weeks, this will make completing a survey of any sort extremely difficult.

### What is at risk:

- The 2019 science advice for the following stocks will have higher uncertainty because we would not have data for 2018 for 4X haddock, 4X cod, Unit 3 redfish, silver hake and Bay of Fundy lobster.
- We are due to conduct a 4X cod framework this fall for the first time since 2009. This will be followed by a full assessment – also the first full assessment since 2009. This is a COSEWIC listed species with a DFO rebuilding plan in place.
- Halibut, 4X flounder and Pollock, along with a variety of secondary stocks.
- In addition, there will be no AZMP summer data for the Scotian Shelf and Bay of Fundy.
- Finally, several b-base projects and university studies will be jeopardized. Some may be able to get samples from commercial vessels, but most will not.
- This also supports a project with Ellen Kenchington to map distribution of benthic invertebrates. Specimens were collected last year (over 200 species) but there may be no additional collection to fill in the gaps this year.

### Solutions:

We have asked about [REDACTED] but it seems it is not likely to be available for a charter; we are in the process of confirming this. [REDACTED] it is fully engaged. Two other options are being investigated:

1. The Teleost, which would be an acceptable substitute for the Needler is scheduled for Nfld AZMP. We have asked Nfld to check and see if it is possible that the Needler could do that, since they do not need a trawl winch and we could then use the Teleost.
2. Perform the scheduled Needler maintenance now (was scheduled for August) while the winch motor is being repaired and then proceed with the survey when the maintenance and winch motor are completed/ fixed. This assumes that the winch motor can be repaired in the estimated 4 weeks.

## Vollrath, Jennifer

---

**From:** Davis, Ben  
**Sent:** December-03-18 11:48 AM  
**To:** Vollrath, Jennifer  
**Subject:** FW: Contract extension that requires authorization at higher than 50%

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**From:** Davis, Ben  
**Sent:** June-29-18 3:42 PM  
**To:** Lewis, Sara J; Sheppard, George  
**Cc:** Duggan, Charmaine; Vollrath, Jennifer; McPherson, Arran; McCallum, Barry; Smith, Darlene; Clark, Don S (SABS); Moore, Wayne  
**Subject:** RE: Contract extension that requires authorization at higher than 50%

Folks,

I just got confirmation from Charmaine Duggan that the Procurement IIUB has everything in the system for our contract extension so we have a solid solution for both regions. My thanks to everyone to has brainstormed ideas to make this work out and particularly to our NHQ colleagues for risk managing the costs.

I will also be writing a note of thanks to the procurement group. This is the second time in five weeks that they have provided an 11<sup>th</sup> hour fix for us and I know we all appreciate it.

Have a great weekend and stay hydrated!

Ben

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**From:** Davis, Ben  
**Sent:** June-29-18 11:50 AM  
**To:** Bourret, Jean-Daniel  
**Cc:** Gosselin, Francis; Duggan, Charmaine; Desgroseilliers-Roy, David; Marchand, Morgan K; Vollrath, Jennifer; McPherson, Arran; McCallum, Barry; Smith, Darlene  
**Subject:** Contract extension that requires authorization at higher than 50%

Bonjour Jean-Daniel,

I am hoping you can help me with a contract extension for Contract F5211-180165 which expires on June 30 (tomorrow). We have tried unsuccessfully to get in touch with Francis Gosselin which is why I am reaching out to you.

There are two at-sea surveys scheduled to start next week on two CCG vessels– one in the NL Region and one in the MAR Region. However, we learned very recently that one of the vessels is broken and unavailable to us. Our solution is to amend and extend a current contract we have with the MV Coriolis II to cover the NL Region survey. However, I understand the rules allow us to only extend the contract at 50% of the original value which would be \$306K. We need the extension at a value of \$525K and I am seeking approval from you for the extension at that level.

If we can do an extension on Tuesday, that may reduce some of the urgency for today but I am not sure of the rules.

You will receive this information from David Desgroseillers-Roy as well but I wanted to give you some additional context.

I can be reached at 709-691-4260 to answer any additional questions.

Thank you very much.

Ben

Ben Davis, Ph.D  
Division Manager, Aquatic Resources  
Science Branch, Fisheries and Oceans Canada  
80 East White Hills Road  
P.O. Box 5667, St. John's NL A1C 5X1  
(709) 691-4260 // fax/télécopieur (709) 772-6100  
[ben.davis@dfo-mpo.gc.ca](mailto:ben.davis@dfo-mpo.gc.ca)  
Direction des Sciences  
C.P. 5667, St. Jean TNL A1C 5X1  
Government of Canada/Gouvernement du Canada



## Vollrath, Jennifer

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**From:** Vollrath, Jennifer  
**Sent:** December-05-18 8:59 AM  
**To:** Davis, Ben  
**Cc:** McCallum, Barry; Duggan, Charmaine  
**Subject:** RE: Corilios chart - first charter

Yes, perfect. The BT of \$1,143,575 will be sent to ADMO for sign-off.

Thank you.  
Jennifer

**From:** Davis, Ben  
**Sent:** December-05-18 8:55 AM  
**To:** Vollrath, Jennifer  
**Cc:** McCallum, Barry; Duggan, Charmaine  
**Subject:** Corilios chart - first charter

Jennifer,

Will this provide you with enough information to settle this issue?

Ben

---

**From:** McCallum, Barry  
**Sent:** April-30-18 8:31 AM  
**To:** Moore, Wayne  
**Cc:** Healey, Brian; Davis, Ben; Sheppard, George; Mello, Luiz GS; de Lafontaine, Yves  
**Subject:** RE: Corilios chart

Thanks Wayne.

**From:** Moore, Wayne  
**Sent:** Monday, April 30, 2018 12:46 AM  
**To:** McCallum, Barry <Barry.McCallum@dfo-mpo.gc.ca>  
**Subject:** RE: Corilios chart

We should be ok. Arran was supportive. I just need to look at the books tomorrow.

**From:** McCallum, Barry  
**Sent:** April 27, 2018 7:32 AM  
**To:** Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>  
**Subject:** FW: Corilios chart

Wayne,

Can you give me a call when you get in!

barry

**From:** McCallum, Barry  
**Sent:** Thursday, April 26, 2018 11:18 AM  
**To:** Moore, Wayne <[Wayne.Moore@dfo-mpo.gc.ca](mailto:Wayne.Moore@dfo-mpo.gc.ca)>  
**Subject:** Corilios chart

Wayne,

We are seriously behind on the spring survey and should consider charting the Corilios for the spring herring/azmp mission in the Gulf freeing the Teleost to help complete the Spring survey of 3ps/3lno. You will recall we did this 2 years ago. The vessel is available and Yves is onside, now I need your money. Can we discuss early tomorrow morning.

Barry  
Sent from my BlackBerry 10 smartphone on the Bell network.

**From:** Champagne, Danny  
**Sent:** January-14-19 2:02 PM  
**To:** Vollrath, Jennifer  
**Cc:** Lyrette, Annie  
**Subject:** RE: Hudson Phase II VLE - Charter Funding

**s.21(1)(b)**  
**s.69(1)(g) re: (a)**

**From:** Vollrath, Jennifer <Jennifer.Vollrath@dfo-mpo.gc.ca>  
**Sent:** January-14-19 1:35 PM  
**To:** Champagne, Danny <Danny.Champagne@dfo-mpo.gc.ca>  
**Cc:** Lyrette, Annie <Annie.Lyrette@dfo-mpo.gc.ca>  
**Subject:** RE: Hudson Phase II VLE - Charter Funding

██████████ based on actual bids we are estimating that we require a total of \$6.5M for the upcoming field season. ██████████ However, we are still working on charters for 3 of the 7 impacted missions so this may fluctuate (but \$6.5M is a good preliminary estimate.)

Thanks for your attention to this.

**From:** Champagne, Danny  
**Sent:** January-14-19 1:17 PM  
**To:** Vollrath, Jennifer  
**Cc:** Lyrette, Annie  
**Subject:** RE: Hudson Phase II VLE - Charter Funding

How much are you expecting to receive from CCG, the entire \$6.5M or a lower amount?

Danny

**From:** Vollrath, Jennifer <Jennifer.Vollrath@dfo-mpo.gc.ca>  
**Sent:** January-14-19 12:09 PM  
**To:** Champagne, Danny <Danny.Champagne@dfo-mpo.gc.ca>  
**Subject:** RE: Hudson Phase II VLE - Charter Funding

s.69(1)(g) re: (a)

Hi Danny,

This gets confusing so I will try to summarize in bullet form:

1. With what transpired in Phase I of the Hudson VLE CCG, ITS decided to shift some work and transfer it to Phase II of the work package.
2. Hudson was operational this fiscal year 2018/19 and Science did not utilize any charters for this vessel.
3. Phase II of the Hudson VLE was postponed one year to 2019/20.
4. The revised work package for Hudson Phase II will have the vessel out all of next field season (2019/20).
5. Given the repackaging and change in scope of the Phase II of the VLE - CCG, ITS (Gary Ivany and Jeff Seitz) agreed that the Science charter work impacted from Phase II of the VLE would be sourced from the contingency of the Hudson VLE allocation.
6. My contacts for this were Gary Ivany and Jeff Seitz. (This took place 2 years ago and I know they have both moved on since.) I'll dig around my emails if required.

Thanks,  
Jennifer

---

**From:** Champagne, Danny  
**Sent:** January-14-19 10:30 AM  
**To:** Vollrath, Jennifer  
**Subject:** RE: Hudson Phase II VLE - Charter Funding

Hi Jennifer,

Do you have a contact in CCG that you've been talking to? If not, we would need to reach out to someone from the project team, at the very least.

Having said that, I know there has been some flex in the past under the project so if this remains true, we could potentially use surplus funds to help pay for a charter – as long as CCG is in agreement.

We'll also have to look at the financial figures a bit more closely but for 2019-20, there's only \$2.1M in O&M for the Hudson project and that's earmarked for refit at the moment. Capital funds may also be available if carried forward to next fiscal as part of the CBCF but those funds would need to be converted or swapped to O&M in order to help pay for the charter.

Cheers,  
Danny

---

**Danny Champagne**  
*Conseiller en gestion financière / Financial Management Advisor*  
*Pêches et Océans Canada / Fisheries and Oceans Canada*  
*Nouveau/New - Tél.: (613) 406-6943*

**From:** Vollrath, Jennifer <[Jennifer.Vollrath@dfo-mpo.gc.ca](mailto:Jennifer.Vollrath@dfo-mpo.gc.ca)>  
**Sent:** January-14-19 9:26 AM  
**To:** Champagne, Danny <[Danny.Champagne@dfo-mpo.gc.ca](mailto:Danny.Champagne@dfo-mpo.gc.ca)>  
**Subject:** Hudson Phase II VLE - Charter Funding  
**Importance:** High

Good morning Danny,

I left a voicemail but I am not sure I have your right phone number.

A heads-up that we (Science) are in the process of awarding contracts for the charter work associated with the Phase II of the Hudson VLE for upcoming field season (FY2019/20). As we have agreed to, CCG will be using the contingency from the Hudson VLE as the source of funds to transfer to Science for this Phase II charter work. Our estimates are that we will require ~\$6.5M in O&M funding.

Thanks,  
Jennifer

**Jennifer Vollrath**

National Manager, Assets & Infrastructure, Office of Partnership and Collaboration  
Ecosystems and Oceans Science Sector  
Fisheries and Oceans Canada / Government of Canada  
[Jennifer.Vollrath@dfo-mpo.gc.ca](mailto:Jennifer.Vollrath@dfo-mpo.gc.ca) / Tel: 613-990-0291

Gestionnaire national, actifs et infrastructure, Bureau du partenariat et de la collaboration  
Ecosystems and Oceans Science Sector  
Pêches et Océans Canada / Gouvernement du Canada  
[Jennifer.Vollrath@dfo-mpo.gc.ca](mailto:Jennifer.Vollrath@dfo-mpo.gc.ca) / Tél: 613-990-0291



Government  
of Canada

Gouvernement  
du Canada

Canada

## **Lapointe, Danielle-Constance**

---

**From:** Vollrath, Jennifer  
**Sent:** Monday, March 4, 2019 3:48 PM  
**To:** Lyrette, Annie  
**Cc:** Pilon, Julie; Condran, Glen  
**Subject:** RE: Charters for the Ricker

I confirmed with the Pacific Region and the revised figure is now \$2.72M for the 'Ricker Charters' for FY 2019/20. I also understand that there should be the inclusion of \$350K for Baffin Bay / Davis Strait multispecies.

**From:** Lyrette, Annie <[Annie.Lyrette@dfo-mpo.gc.ca](mailto:Annie.Lyrette@dfo-mpo.gc.ca)>  
**Sent:** March-04-19 1:04 PM  
**To:** Vollrath, Jennifer <[Jennifer.Vollrath@dfo-mpo.gc.ca](mailto:Jennifer.Vollrath@dfo-mpo.gc.ca)>  
**Subject:** RE: Charters for the Ricker

Do you think we will get the confirmation today as my manager has to confirm the number to the RDF in Pacific by the end of the day.

**From:** Vollrath, Jennifer <[Jennifer.Vollrath@dfo-mpo.gc.ca](mailto:Jennifer.Vollrath@dfo-mpo.gc.ca)>  
**Sent:** Monday, March 4, 2019 12:39 PM  
**To:** Lyrette, Annie <[Annie.Lyrette@dfo-mpo.gc.ca](mailto:Annie.Lyrette@dfo-mpo.gc.ca)>  
**Subject:** RE: Charters for the Ricker

I am double checking with the region and will get back to you shortly.

Stay tuned,  
Jennifer

**From:** Lyrette, Annie <[Annie.Lyrette@dfo-mpo.gc.ca](mailto:Annie.Lyrette@dfo-mpo.gc.ca)>  
**Sent:** March-04-19 12:14 PM  
**To:** Vollrath, Jennifer <[Jennifer.Vollrath@dfo-mpo.gc.ca](mailto:Jennifer.Vollrath@dfo-mpo.gc.ca)>  
**Subject:** Charters for the Ricker

Hi Jennifer,

Can you please confirm me that the \$3,258,686 will be sent to Pacific for the Ricker.

<b>Charters</b>	Maritimes Spring AZMP (Hudson Charter [redacted] days) - contract awarded to Reformar <sup>2</sup>	-574,474
	AZOMP (Hudson Charter) - Scheduled on CCGS Amundsen ([redacted] days + mob and demob)	-1,650,000
	Whale Surveys (incl. OPP requests)	-700,000
	Maritimes Fall AZMP (Hudson Charter [redacted] days) - extension awarded to Reformar	-674,474
	Quebec AZMP (Hudson Charter [redacted] days)	-674,474
	NL AZMP (Hudson Charter [redacted] days)	-1,200,000
	Vessel Pre-Qualification/Revised RFP Process/Industry Day for Hudson Mitigation Strategy	-75,000
	<b>Sub Total for Hudson Charters</b>	<b>-5,548,422</b>
	<b>Ricker Charters (Pacific)</b>	<b>-3,258,686</b>

Thank you,

Annie

s.20(1)(c)  
s.21(1)(b)

## **Virc, Stephen**

---

**From:** Vollrath, Jennifer  
**Sent:** Thursday, March 21, 2019 10:44 AM  
**To:** Moore, Wayne; DaCosta, Helena  
**Cc:** Virc, Stephen; Condran, Glen; Lyrette, Annie; Pilon, Julie; Ryan, Patricia  
**Subject:** FW: Vessels- Obligations - \$100K FY 2018/19  
**Attachments:** RE: Conference Call Today; RE: Conference Call Today

**Importance:** High

s.21(1)(b)

Wayne and Helena,

There were some repair issues with the charter vessel Coriolis II (Maritimes Spring AZMP) as a result the mobilization of the ship is now April 5th. This means the \$100K allocated for this FY under vessel obligations is no longer required.

Please let me know if you have any questions.

Thanks,  
Jennifer

-----Original Message-----

From: Condran, Glen <Glen.Condran@dfo-mpo.gc.ca>  
Sent: March-21-19 8:44 AM  
To: Vollrath, Jennifer <Jennifer.Vollrath@dfo-mpo.gc.ca>; Lyrette, Annie <Annie.Lyrette@dfo-mpo.gc.ca>; Shawana, Beverly <Beverly.Shawana@dfo-mpo.gc.ca>  
Cc: Ryan, Patricia <Patricia.Ryan@dfo-mpo.gc.ca>  
Subject: RE: Vessels- Obligations

Annie - could this be considered for carry-forward? Totally uncontrollable on our end.

-----Original Message-----

From: Vollrath, Jennifer <Jennifer.Vollrath@dfo-mpo.gc.ca>  
Sent: March-20-19 8:18 AM  
To: Lyrette, Annie <Annie.Lyrette@dfo-mpo.gc.ca>; Shawana, Beverly <Beverly.Shawana@dfo-mpo.gc.ca>  
Cc: Ryan, Patricia <Patricia.Ryan@dfo-mpo.gc.ca>; Condran, Glen <Glen.Condran@dfo-mpo.gc.ca>  
Subject: RE: Vessels- Obligations

Hello,

The vessel has had a delay leaving its maintenance/repair work. As a result the vessel will be mobilizing for our Science program (Maritimes Spring AZMP) on April 4th or 5th. Therefore NO Science work will be conducted this FY.

Thanks,  
Jennifer



---

From: Lyrette, Annie  
Sent: Wednesday, March 20, 2019 8:09 AM  
To: Shawana, Beverly  
Cc: Ryan, Patricia; Vollrath, Jennifer  
Subject: RE: Vessels- Obligations

Good morning Bev,

Thank you for responding so quickly. I checked the attachment you included and I confirm that the two lines in ABACUS are correct. \$99,922.08 will be spent this year and the rest will be spent next year. Let me know if you need anything else to adjust the obligations in the system.

Have a nice day 😊

Annie

From: Shawana, Beverly <Beverly.Shawana@dfo-mpo.gc.ca>  
Sent: Tuesday, March 19, 2019 4:08 PM  
To: Lyrette, Annie <Annie.Lyrette@dfo-mpo.gc.ca>  
Cc: Ryan, Patricia <Patricia.Ryan@dfo-mpo.gc.ca>; Vollrath, Jennifer <Jennifer.Vollrath@dfo-mpo.gc.ca>  
Subject: RE: Vessels- Obligations

Good afternoon,  
The requisition will be auto created into the PO for this requirement by this office.

Originally someone from the group was to let me know when the changes were made to the requisition that I returned to your group, but did not hear from anyone. Having said that I looked in ABACUS and see that the requisition has been amended to reflect the correct dollar amount needed for the original contract and the amendment.

It appears that two lines in shipments have been inserted in the requisition and need confirmation that the first line is for this year funds and the second line is for new year funds. It would be best for you to double check with Jennifer Vollrath and confirm the number of days the vessel will be out to sea for this project in March 2019 and April 2019.

As soon as you provide this office the information requested above I will put the PO in the system.

Beverly Shawana  
Procurement Consultant  
Materiel and Procurement Services  
Financial and Materiel Management Operations Fisheries and Oceans Canada  
200 Kent Street, 9th Floor, 9NO87B  
Ottawa, ON K1A 0E6  
Tel: (613) 407-3861  
E-mail: Beverly.Shawana@dfo-mpo.gc.ca<mailto:Beverly.Shawana@dfo-mpo.gc.ca>

From: Lyrette, Annie  
Sent: March-19-19 11:57 AM  
To: Shawana, Beverly <Beverly.Shawana@dfo-mpo.gc.ca<mailto:Beverly.Shawana@dfo-mpo.gc.ca>>  
Cc: Ryan, Patricia <Patricia.Ryan@dfo-mpo.gc.ca<mailto:Patricia.Ryan@dfo-mpo.gc.ca>>  
Subject: RE: Vessels- Obligations

Hi Beverly,

I have a quick question for you. This contract has been awarded but the funds are still sitting in the commitments instead of obligations. Who should do the adjustment in the system? The Procurement team or the employees that work for the sector?

Thank you ☺

Annie

From: Shawana, Beverly <Beverly.Shawana@dfo-mpo.gc.ca<mailto:Beverly.Shawana@dfo-mpo.gc.ca>>  
Sent: Friday, January 25, 2019 9:45 AM  
To: Lyrette, Annie <Annie.Lyrette@dfo-mpo.gc.ca<mailto:Annie.Lyrette@dfo-mpo.gc.ca>>  
Cc: Ryan, Patricia <Patricia.Ryan@dfo-mpo.gc.ca<mailto:Patricia.Ryan@dfo-mpo.gc.ca>>; Vollrath, Jennifer <Jennifer.Vollrath@dfo-mpo.gc.ca<mailto:Jennifer.Vollrath@dfo-mpo.gc.ca>>; Condran, Glen <Glen.Condran@dfo-mpo.gc.ca<mailto:Glen.Condran@dfo-mpo.gc.ca>>; Pilon, Julie <Julie.Pilon@dfo-mpo.gc.ca<mailto:Julie.Pilon@dfo-mpo.gc.ca>>  
Subject: RE: Vessels- Obligations  
Importance: High

Good morning Annie,

The contract has been issued and signed by all parties but the requisition on file FP834-170111 (attached hereto) is in the amount of \$1,250,000.00 and the contract amount is as follows:

Original Contract amount:	\$ 674,474.04
Amendment #1:	\$ 674,474.04
 Total Contract amount:	 \$1,348,948.08
 Minus Requisition amount:	 \$1,250,000.00
 Amount short:	 \$ 98,948.00

So my suggestion is that I return the requisition (FP834-170111) to your group so that you can insert the correct amounts and in the correct fiscal years. The other problem is that when the requisition is returned it is returned to the person who inputted the requisition and that is Carol-Ann Boudreau whom to my understanding is no longer with your group. I have spoken to the system folks and they have advised they can go in the system and re-direct the returned requisition to another person as long as they have the correct name. Please advise if you agree with this approach and provide the name of the replacement of Carol Ann Boudreau.

The other option is that I go ahead and use the current requisition (FP834-170111) for the initial contract and your group would then have to provide an amending requisition for Amendment #1.

Please advise which approach your group prefers.

Thank You  
Beverly Shawana  
Procurement Consultant  
Materiel and Procurement Services  
Financial and Materiel Management Operations Fisheries and Oceans Canada  
200 Kent Street, 9th Floor, 9E249  
Ottawa, ON K1A 0E6  
Tel: (613) 407-3861  
E-mail: Beverly.Shawana@dfo-mpo.gc.ca<mailto:Beverly.Shawana@dfo-mpo.gc.ca>

From: Lyrette, Annie

Sent: January-24-19 2:41 PM

To: Shawana, Beverly <Beverly.Shawana@dfo-mpo.gc.ca<mailto:Beverly.Shawana@dfo-mpo.gc.ca>>

Cc: Ryan, Patricia <Patricia.Ryan@dfo-mpo.gc.ca<mailto:Patricia.Ryan@dfo-mpo.gc.ca>>; Vollrath, Jennifer <Jennifer.Vollrath@dfo-mpo.gc.ca<mailto:Jennifer.Vollrath@dfo-mpo.gc.ca>>; Condran, Glen <Glen.Condran@dfo-mpo.gc.ca<mailto:Glen.Condran@dfo-mpo.gc.ca>>; Pilon, Julie <Julie.Pilon@dfo-mpo.gc.ca<mailto:Julie.Pilon@dfo-mpo.gc.ca>>

Subject: Vessels- Obligations

Hi Beverly,

I ran a report this morning and I noticed that the obligations under Vessels is still showing 1,250,000\$. Jennifer Vollrath informed me that the AZMP will worked only 4 days this fiscal year, and the remaining days next year. Therefore, the obligation for 2018-19 should now be \$99,922. Do you think it can be fixed by the end of P10? My client wants to have a good picture of their Financial situation for the next FSR.

Thank you and let me know if I can help with something.

Annie

**Virc, Stephen**

---

**From:** [REDACTED]  
**Sent:** Monday, March 18, 2019 7:42 PM  
**To:** Cogswell, Andrew; Hebert, David  
**Cc:** [REDACTED] Vollrath, Jennifer; [REDACTED]  
**Subject:** RE: Conference Call Today

s.19(1)

Hello Andrew,

It is with my best intentions to keep you updated with the current situation relating to the vessel and your approaching contract.

At present there has been an issue identified with a piece of equipment fitted to the vessel.

We presently have 2 options to proceed ahead with and the anticipated delivery dates being;

Option 1 - Re-installation of the piece of equipment and commission the equipment, all has been approved by the Specialist and the Class Society for a 12 month period, after which the vessel will be required to dry dock during the 2019/2020 winter period to replace the piece of equipment. This would have the vessel back in the water and available to meet the currently agreed upon mobilization date of April 5th, 2019.

Option 2 - Replace the piece of equipment and commission the equipment. Due to delivery time and installation it would be an anticipated mobilization date of April 11th, 2019.

More will be known in the morning as we are awaiting for further feedback from the specialist of the equipment and supplier.

I will be in touch throughout tomorrow to inform which Option has been selected.

Thank you for understanding.

Regards,

[REDACTED]

---

**De :** Cogswell, Andrew <Andrew.Cogswell@dfo-mpo.gc.ca>

**Envoyé :** 18 mars 2019 13:56

**À :** Hebert, David; [REDACTED]

**Cc :** [REDACTED] Vollrath, Jennifer

**Objet :** RE: Conference Call Today

Hi Everyone,

I'm in Montreal now in my hotel room reviewing a paper. You can give me a call [REDACTED] but at this point a delay likely puts us beyond the terms of the contract, so I've looped Jennifer in.

As well, a delayed start now puts us beyond our typical survey dates which for a monitoring program is not great.

Andrew

---

**From:** Hebert, David  
**Sent:** March-18-19 11:53 AM  
**To:** [REDACTED]  
**Cc:** Cogswell, Andrew; [REDACTED]  
**Subject:** Re: Conference Call Today

s.19(1)

Hi [REDACTED]

I am not sure what Andrew's travel plans but he might be on the road to Montreal. We have a meeting starting tomorrow and he might be in the air now. I fly later today.

Dave

P.S. I expect it is not good news - like a delay.

On 18 Mar 2019, at 11:23, [REDACTED] wrote:

Hello Andrew,

Are you available for a conference call today?

We will like to discuss your up-coming contract.

We would like to have this discussion between yourself, [REDACTED]

Please advise which time suits you?

I can be reached on [REDACTED] and [REDACTED] can be on [REDACTED]

Regards,

[REDACTED]

## King, Randy K

---

**From:** Zisserson, Ben  
**Sent:** Tuesday, March 26, 2019 8:01 AM  
**To:** King, Randy K  
**Subject:** Presentations  
**Attachments:** PED Vessel Charters.pdf; PED Vessel Charters.pptx

Same presentation. PDF and Powerpoint

Ben Zisserson  
Fisheries and Oceans Canada  
Bedford Institute of Oceanography  
1 Challenger Dr, PO Box 1006  
Dartmouth, NS B2Y 4A2  
**Phone (902) 222-5211**

# DFO Science Vessel Charters

Stock Assessment and Research

# Projects

- Stock Assessment Surveys
  - Single species stock assessment (lobster, snow crab, etc)
  - Multi-species surveys (ecosystem survey)
- Research Projects
  - Fish tagging
  - Acoustic receiver deployment / retrieval
  - Juvenile lobster collectors
  - Diving
  - ROV Deployment
- Transportation
  - Moving gear / equipment to remote working locations



## Vessels Required

- Commercial fishing vessels
  - Draggers / trawlers
  - Scallop dragger
  - Longliners
  - Trap vessels (lobster / crab)
- Commercial Cargo Vessels
- Dive Tenders

## Area of Operation

- Stock Assessment Surveys (2-10 day trips)
  - Wide-scale offshore surveys
  - Near shore / mid-shore
- Research Projects (day trips or overnight)
  - Generally more focused areas of operation
    - St Anns Bank MPA
    - LFA 34 inshore
- Transportation (transit, unloading / loading)
  - Sable Island, etc



## Personnel Onboard

- Stock Assessment Surveys
  - 2-4 vessel personnel
  - 2-8 DFO science staff
- Research Projects (day trips or overnight)
  - 2-4 vessel personnel
  - 1-3 DFO science staff
- Transportation (transit, unloading / loading)
  - Variable crew compliment
  - Limited DFO staff

## Timing and Cost

- Stock Assessment Surveys
  - 1-4 month commitment
  - ~\$150k - \$500k
- Research Projects
  - Highly variable depending on project
  - 1 day up to 2-3 weeks
  - \$500 / day - \$3000 / day (depending on vessel size, crew compliment, etc)
- Transportation (transit, unloading / loading)
  - 1 day- 2 weeks
  - \$500 - \$120k

**Pages 97 to / à 103**

**are duplicates**

**sont des duplicatas**

## **Virc, Stephen**

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**From:** Vollrath, Jennifer  
**Sent:** Tuesday, April 16, 2019 11:49 AM  
**To:** Virc, Stephen  
**Subject:** RE: Whale survey

s.69(1)(g) re: (a)

---

From: Virc, Stephen  
Sent: Tuesday, April 16, 2019 11:37 AM  
To: Vollrath, Jennifer  
Subject: Whale survey

What funds would we have left from the Hudson? And how come?

Stephen Virc  
(613) 851-3226

## D'Amours, Kristen

---

**From:** Vollrath, Jennifer  
**Sent:** Wednesday, May 1, 2019 3:24 PM  
**To:** Caceres, Jaime; Niven, Sherry; Moore, Wayne  
**Cc:** Laverdure, Louise; Landry, Jean; Goit, Monique; Janidlo, Alison; Peramaki, Liisa; Bertorelli, John; Melanson, Simon  
**Subject:** RE: Bullet points for Gulf of Saint Lawrence vessel charter

Ok, noted. Will hold until further direction/decision.

---

**From:** Caceres, Jaime  
**Sent:** Wednesday, May 01, 2019 3:11 PM  
**To:** Vollrath, Jennifer; Niven, Sherry; Moore, Wayne  
**Cc:** Laverdure, Louise; Landry, Jean; Goit, Monique; Janidlo, Alison; Peramaki, Liisa; Bertorelli, John; Melanson, Simon  
**Subject:** Re: Bullet points for Gulf of Saint Lawrence vessel charter

We first need to see the case to make sure it links to the project.

Sent from my BlackBerry 10 smartphone on the Bell network.

Original Message

**From:** Vollrath, Jennifer  
**Sent:** Wednesday, May 1, 2019 3:09 PM  
**To:** Caceres, Jaime; Niven, Sherry; Moore, Wayne  
**Cc:** Laverdure, Louise; Landry, Jean; Goit, Monique; Janidlo, Alison; Peramaki, Liisa; Bertorelli, John; Melanson, Simon  
**Subject:** RE: Bullet points for Gulf of Saint Lawrence vessel charter

With this funding development, are we able to proceed with the posting of the vessel charter RFP?

Please advise.

Thanks,  
Jennifer

---

**From:** Caceres, Jaime  
**Sent:** Wednesday, May 01, 2019 2:13 PM  
**To:** Niven, Sherry; Moore, Wayne  
**Cc:** Vollrath, Jennifer; Laverdure, Louise; Landry, Jean; Goit, Monique; Janidlo, Alison; Peramaki, Liisa; Bertorelli, John; Melanson, Simon  
**Subject:** RE: Bullet points for Gulf of Saint Lawrence vessel charter

Yes, and pls include John Bertorelli.

---

Jaime Caceres



Director General, Oceans Protection Plan (OPP) /Directeur general du plan de protection des océans (PPO) Fisheries,  
Oceans and the Canadian Coast Guard (DFO/CG) | Pêches, océans et la Garde côtière canadienne (MPO/GC) • 200 rue  
Kent Street, Ottawa, ON, K1A 0E6 • 613.325.8664 (cell) | • Jaime.Caceres@dfo-mpo.gc.ca<mailto:Jaime.Caceres@dfo-  
mpo.gc.ca>

From: Niven, Sherry <Sherry.Niven@dfo-mpo.gc.ca>  
Sent: Wednesday, May 1, 2019 2:01 PM  
To: Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>; Caceres, Jaime <Jaime.Caceres@dfo-mpo.gc.ca>  
Cc: Vollrath, Jennifer <Jennifer.Vollrath@dfo-mpo.gc.ca>; Laverdure, Louise <Louise.Laverdure@dfo-mpo.gc.ca>;  
Landry, Jean <Jean.Landry@dfo-mpo.gc.ca>; Goit, Monique <Monique.Goit@dfo-mpo.gc.ca>; Janidlo, Alison  
<Alison.Janidlo@dfo-mpo.gc.ca>; Peramaki, Liisa <Liisa.Peramaki@dfo-mpo.gc.ca>  
Subject: RE: Bullet points for Gulf of Saint Lawrence vessel charter

OK! s.19(1)

Jamie – I will look for a time to call you and send a meeting request.

Liisa – would you like me to include you?

Sherry

From: Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca<mailto:Wayne.Moore@dfo-mpo.gc.ca>>  
Sent: Wednesday, May 1, 2019 2:43 PM  
To: Niven, Sherry <Sherry.Niven@dfo-mpo.gc.ca<mailto:Sherry.Niven@dfo-mpo.gc.ca>>; Peramaki, Liisa  
<Liisa.Peramaki@dfo-mpo.gc.ca<mailto:Liisa.Peramaki@dfo-mpo.gc.ca>>  
Cc: Vollrath, Jennifer <Jennifer.Vollrath@dfo-mpo.gc.ca<mailto:Jennifer.Vollrath@dfo-mpo.gc.ca>>; Laverdure, Louise  
<Louise.Laverdure@dfo-mpo.gc.ca<mailto:Louise.Laverdure@dfo-mpo.gc.ca>>; Landry, Jean <Jean.Landry@dfo-  
mpo.gc.ca<mailto:Jean.Landry@dfo-mpo.gc.ca>>; Goit, Monique <Monique.Goit@dfo-  
mpo.gc.ca<mailto:Monique.Goit@dfo-mpo.gc.ca>>; Janidlo, Alison <Alison.Janidlo@dfo-  
mpo.gc.ca<mailto:Alison.Janidlo@dfo-mpo.gc.ca>>; Caceres, Jaime <Jaime.Caceres@dfo-  
mpo.gc.ca<mailto:Jaime.Caceres@dfo-mpo.gc.ca>>  
Subject: RE: Bullet points for Gulf of Saint Lawrence vessel charter

Sherry – can I suggest that you follow up with Jaime Caceres who will provide us with the process for getting the last  
300ish....W

From: Niven, Sherry <Sherry.Niven@dfo-mpo.gc.ca<mailto:Sherry.Niven@dfo-mpo.gc.ca>>  
Sent: May 1, 2019 8:54 AM  
To: Peramaki, Liisa <Liisa.Peramaki@dfo-mpo.gc.ca<mailto:Liisa.Peramaki@dfo-mpo.gc.ca>>; Moore, Wayne  
<Wayne.Moore@dfo-mpo.gc.ca<mailto:Wayne.Moore@dfo-mpo.gc.ca>>  
Cc: Vollrath, Jennifer <Jennifer.Vollrath@dfo-mpo.gc.ca<mailto:Jennifer.Vollrath@dfo-mpo.gc.ca>>; Laverdure, Louise  
<Louise.Laverdure@dfo-mpo.gc.ca<mailto:Louise.Laverdure@dfo-mpo.gc.ca>>; Landry, Jean <Jean.Landry@dfo-  
mpo.gc.ca<mailto:Jean.Landry@dfo-mpo.gc.ca>>; Goit, Monique <Monique.Goit@dfo-  
mpo.gc.ca<mailto:Monique.Goit@dfo-mpo.gc.ca>>; Janidlo, Alison <Alison.Janidlo@dfo-  
mpo.gc.ca<mailto:Alison.Janidlo@dfo-mpo.gc.ca>>  
Subject: RE: Bullet points for Gulf of Saint Lawrence vessel charter  
Importance: High

I just met with Rod Doane to review the COOGER budget [REDACTED]  
[REDACTED] They could contribute 75-100K towards the charter (and almost certainly 100K). This is the amount that they  
had budgeted for the back-up field work plan.

This takes the risk managed amount down to ~300K.

Sherry

From: Peramaki, Liisa <Liisa.Peramaki@dfo-mpo.gc.ca<mailto:Liisa.Peramaki@dfo-mpo.gc.ca>>  
Sent: Monday, April 29, 2019 8:14 PM  
To: Niven, Sherry <Sherry.Niven@dfo-mpo.gc.ca<mailto:Sherry.Niven@dfo-mpo.gc.ca>>; Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca<mailto:Wayne.Moore@dfo-mpo.gc.ca>>  
Cc: Vollrath, Jennifer <Jennifer.Vollrath@dfo-mpo.gc.ca<mailto:Jennifer.Vollrath@dfo-mpo.gc.ca>>; Laverdure, Louise <Louise.Laverdure@dfo-mpo.gc.ca<mailto:Louise.Laverdure@dfo-mpo.gc.ca>>; Landry, Jean <Jean.Landry@dfo-mpo.gc.ca<mailto:Jean.Landry@dfo-mpo.gc.ca>>; Goit, Monique <Monique.Goit@dfo-mpo.gc.ca<mailto:Monique.Goit@dfo-mpo.gc.ca>>; Janidlo, Alison <Alison.Janidlo@dfo-mpo.gc.ca<mailto:Alison.Janidlo@dfo-mpo.gc.ca>>  
Subject: Re: Bullet points for Gulf of Saint Lawrence vessel charter

Thanks Sherry

As discussed, we could contribute 300k from OPP Fate, behaviour and effects.

Liisa

Sent from my Bell Samsung device over Canada's largest network.

----- Original message -----

From: "Niven, Sherry" <Sherry.Niven@dfo-mpo.gc.ca<mailto:Sherry.Niven@dfo-mpo.gc.ca>>  
Date: 2019-04-29 2:49 PM (GMT-05:00)  
To: "Moore, Wayne" <Wayne.Moore@dfo-mpo.gc.ca<mailto:Wayne.Moore@dfo-mpo.gc.ca>>  
Cc: "Peramaki, Liisa" <Liisa.Peramaki@dfo-mpo.gc.ca<mailto:Liisa.Peramaki@dfo-mpo.gc.ca>>, "Vollrath, Jennifer" <Jennifer.Vollrath@dfo-mpo.gc.ca<mailto:Jennifer.Vollrath@dfo-mpo.gc.ca>>  
Subject: Bullet points for Gulf of Saint Lawrence vessel charter

Hi Wayne,

As discussed on the call, the attached has the detail on the objectives of the mission. Additional points of importance that you might want to add to the note for Arran:

For OPP Fate and Behaviour

1. In-site biodegradation studies are one of the 2019-20 outcomes.
2. COOGER's role is to understand the fate and behaviour of refined oil products following a spill. We are limited in the source of water for experimental analysis based at BIO. To fully understand and predict fate and behaviour, we need to carry out experiments at a wider ranges of salinities – the Bedford Basin salinity is remarkable stable where the wave tank intake is. While dilution with municipal water or salt additions can work for the chemical analyses, differences in biological communities mean we need to source our water naturally to understand biodegradation potential and

transformation products. Fresh, salt and brackish water microbial communities are quite different in terms of make-up and so their ability to degrade oil is likely to be quite different too.

3. We don't have any idea what the background levels of hydrocarbons are in the Gulf – this survey would provide baseline data in the event of a spill and to better understand NARW habitat status.

For OPP MEQ: There are 3 components to the OPP MEQ work plan:

- 1) Increase understanding of the soundscape (ambient noise + anthropogenic noise, e.g. from shipping). Including variability throughout the year and between years, throughout the entire range of NA right whales;
- 2) Increase understanding of NARW distribution and habitat use in Canadian waters; and
- 3) Increase understanding of noise impacts on NARW (behaviour and health).

The mission is critical to being able to measure noise impacts. Maritimes and Québec collaborated on a mission last fall but it was too late in the season (not enough whales, not behaving in a way that allowed successful deployment of the Dtags). By going in July/Aug this year, there is a much higher chance of success in being able to study behavior as well as get samples for hormone analysis. Without the mission, we will be going into Year 4 without measurements of impacts (we will just have modelling, for example, of loss of communication space due to vessel passage).

Hope this helps.

Sherry

s.19(1)

Sherry E. H. Niven, Ph.D.

Manager, Ocean and Ecosystem Sciences Division | Gestionnaire, Division des sciences de l'écosystème et de la mer  
Maritimes Region | Région des Maritimes Fisheries and Oceans Canada | Pêches et Océans Canada Bedford Institute of  
Oceanography | Institut Océanographique de Bedford P.O. Box 1006 | C.P. 1006 Dartmouth, NS B2Y 4A2 | Dartmouth,  
N-E B2Y 4A2 sherry.niven@dfo-mpo.gc.ca<mailto:sherry.niven@dfo-mpo.gc.ca>

Tel | Tél: (902) 426-8366

Cell | Tél cell: (902) 225-6005

Government of Canada | Gouvernement du Canada

# DFO-CCG Project Change Request

**PROJECT CHANGE REQUEST NO: 8P220-2-002 / 8X410-2-001**

Date:	May 2, 2019
Project Code:	8P220 / 8X410
Project Title:	Marine Environmental Quality and Fate and Behaviour Projects
Region/Sector/Directorate:	Maritimes-Science (EOS)
Work Breakdown Structure Element(s):	N/A
Requested By:	Sherry Niven, Manager, EOS

## Identification:

Change Title:	Gulf of Saint Lawrence Vessel Charter		
Description of Change:	Please see attached Annex A		
Justification:	Please see attached Annex A		
Is this a request to access project Contingency funding?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is this a CARRY FORWARD request?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Type Of Change:	<u>Arising</u> <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Major	<u>New Work</u> <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Major	<b>Must select one:</b> <input checked="" type="checkbox"/> National Budget Increase/Decrease <input type="checkbox"/> Internal Budget Reallocation(within project) <input type="checkbox"/> Schedule <input type="checkbox"/> Other (i.e. scope change only, no budget adjust)
Change Priority:	<input type="checkbox"/> Low	<input type="checkbox"/> Medium	<input checked="" type="checkbox"/> High

## Impacts:

Background	Please see attached Annex A
Technical	Please see attached Annex A
Performance	Please see attached Annex A
Schedule	Please see attached Annex A

# DFO-CCG Project Change Request

<b>Financial</b>	<b>Current Year (CYBA) Adjustment (\$000's)</b>									
		<b>Current</b>			<b>New</b>			<b>Delta</b>		
		Vote 1	Vote 5	Vote 10	Vote 1	Vote 5	Vote 10	Vote 1	Vote 5	Vote 10
	CCG ATL									
	CCG C & A									
	CCG NCR									
	CCG WES									
	DFO C&A									
	DFO GULF									
	DFO MARI	\$419, 900 (8P220)			\$569, 900 (8P220)			\$150, 000 (8P220)		
		\$650, 000 (8X410)			\$800, 000 (8X410)			\$150, 000 (8X410)		
	DFO NFLD									
	DFO QC									
	DFO PAC									
	NATIONAL									
Contingency										
Current FY + 1										
Current FY + 2										
Future Years										
Note: \$150,000 coded to each project – Vote 1 funds.										
<b>Risk</b>	Please see attached Annex A									
<b>Integrated Logistic Support</b>	N/A									
<b>Contractual</b>	Please see attached Annex A									
<b>Program Delivery</b>	Please see attached Annex A									
<b>Scope</b>	Please see attached Annex A									
<b>Other</b>	Please see attached Annex A									
<b>Configuration Change</b>	Is the work described in this PCR subject to the CCR Process? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                      CCR Registration Number:                      (YYYY-###)									

# DFO-CCG Project Change Request

## Recommendation:

Recommended Action:	Approval
Action Due Date:	ASAP
Recommended By:	Sherry Niven, Ocean Ecosystem Sciences Division Manager, Science Branch, Maritimes

## Approval:

<input type="checkbox"/> Recommended <input type="checkbox"/> Not Recommended <input type="checkbox"/> See Comments	Alain Vézina Regional Director Science, Maritimes Region	
OPP SECRETARIAT		
Finance Analyst	Change Cost Analyst	Project Management Lead
<input type="checkbox"/> Recommended <input type="checkbox"/> Not Recommended <input type="checkbox"/> See Comments	Kerri Graham Regional OPP Director of Maritimes Region	
<input type="checkbox"/> Recommended <input type="checkbox"/> Not Recommended <input type="checkbox"/> See Comments	Bernard Vigneault Director General EOS	
<input type="checkbox"/> Approved <input type="checkbox"/> Not Approved <input type="checkbox"/> Deferred <input type="checkbox"/> See Comments	Simon Melanson Senior Director, Implementation Management and Change Leadership	
<b>Comments</b>		
<input type="checkbox"/> Approved <input type="checkbox"/> Not Approved <input type="checkbox"/> Deferred <input type="checkbox"/> See Comments	Jaime Caceres Director General, Oceans Protection Plan	
<b>Comments</b>		
<input type="checkbox"/> Approved <input type="checkbox"/> Not Approved <input type="checkbox"/> Deferred <input type="checkbox"/> See Comments	Mario Pelletier* Deputy Commissioner, Operations (*If required)	
<b>Comments</b>		

# DFO-CCG Project Change Request

s.21(1)(b)

## ANNEX A

### SUMMARY

The purpose of this request is to seek approval to increase the OPP 8P220 and 8X410 budgets for Maritimes Science by \$150,000 each (for a combined budget transfer of \$300,000) to allow for chartering of a research vessel in the Gulf of Saint Lawrence to undertake key work for Marine Environmental Quality (MEQ) and Fate and Behaviour.

The cost of a charter was not included in the initial OPP budgets because sufficient funds were understood to be available from other sources. This has recently been discovered not to be the case.

The anticipated cost of the charter is [REDACTED] has been found within existing Ecosystems and Oceans Science budgets. The remaining \$300,000 is requested from Oceans Protection Plan because of the critical importance of the charter to both MEQ and Fate and Behaviour work plans and deliverables for 2019-20.

Without the additional OPP budget, the 2019-20 outcomes for 8P220 and 8X410 are at risk because they are dependent on the charter and there is currently no other source of funds for the charter. Other high-profile departmental deliverables related to NARW in the Gulf of Saint Lawrence are also dependent on the charter and would, therefore, be at risk without the additional OPP budget.

### BACKGROUND:

The main objectives of the charter are to survey and document North Atlantic right whale (NARW) in the Gulf of Saint Lawrence; understand the distribution of their prey and the processes driving this distribution; increase our understanding of noise impacts on NARW behavior and health; and understand the potential effects of ship-based oil spills in the region. This work is a collaboration amongst three DFO research groups in two regions (Maritimes and Québec) and is key to the delivery of the 2019-20 objectives for MEQ and Fate and Behaviour.

1. **Surveying and sampling NARW:** One of the primary objectives of the OPP MEQ initiative is to understand the impacts of shipping, specifically noise, on the health of NARW. The Gulf of Saint Lawrence is an important summer habitat for NARW. It is also an active shipping area as vessels transit between the ports on the Saint Lawrence River and the Atlantic Ocean. Throughout the proposed mission, marine mammal observers will record and photograph NARW. The health of whales will be monitored using drone overflights to assess body condition. Drones will photograph individuals and, when equipped



# DFO-CCG Project Change Request

with collection devices, will be flown through whale 'blow' to collect samples to measure hormonal status. A small boat will be used to approach individual whales and collect samples of fecal material or use crossbows to biopsy tissues for measuring hormones, DNA, and contaminants. If possible, suction-cup D-tags will be attached to NARW to measure the underwater noise they are exposed to as well as their vocalizations and to gather information about their 3-D underwater movement.

2. **Understanding processes driving copepod aggregation in NARW foraging areas:** NARW forage on zooplankton, with copepods being their main prey. Understanding the biological and physical processes that control the spatial distribution of copepods and result in their aggregation is critical to understanding the use of this habitat by NARW. The timing of this mission will allow copepod distribution to be mapped during the period the most NARW are in this area.
3. **Characterizing the fate and behaviour of oil following a ship-based spill:** To understand the fate and behaviour of refined oil products following a ship-based spill, information is needed on: the partitioning of surface oil into the water; chemical changes in the oil due to weathering; and the rates of natural attenuation through microbial biodegradation. Fresh, brackish, and saltwater microbial communities differ in make-up and their ability to degrade oil. To better understand the biodegradation potential and transformation products in the different environments, water will be collected at specific sites along the salinity gradient from the Saint Lawrence River to the Gulf for ship-based incubation studies.

## **OPP AND DEPARTMENTAL CONSIDERATIONS:**

Successful delivery of the 2019-20 objectives for the Fate and Behavior and MEQ OPP initiatives are dependent on the Gulf of Saint Lawrence charter.

- In-situ biodegradation studies are one of the 2019-20 outcomes for Fate and Behaviour. While most of the OPP Fate and Behaviour studies (on the physical and chemical behaviour of refined oils) can be done in the wave tank at the Bedford Institute of Oceanography, biodegradation studies need to be done using natural source water because of the difference in the microbial communities of fresh, brackish, and salt water.
- Maritimes and Québec Regions collaborated on a mission last fall to measure noise impacts on NARW; however, it was too late in the season (there were not enough whales and they were not behaving in a way that allowed successful deployment of the D-tags). By going in July/Aug this year, there is a much higher chance of success in being able to study behaviour as well as collect samples for hormone analysis. Without the charter, we will be going into Year 4 of OPP without any actual measurements of noise impacts on NARW. (We will just have computer modelling, for example, of loss of communication space due to vessel passage.)

In addition to the microbial degradation studies required for the Fate and Behaviour initiative, this charter will provide an opportunity to measure background levels of hydrocarbons in the Gulf of Saint Lawrence - important baseline data for OPP in the event of a spill and to better understand NARW habitat status.



# DFO-CCG Project Change Request

Other high-profile departmental deliverables related to NARW in the Gulf of Saint Lawrence are also dependent on the charter and would, therefore, be at risk without the additional OPP budget because there is currently no other source of funds for the charter.

**Lapointe, Danielle-Constance**

---

**From:** Moore, Wayne  
**Sent:** Friday, May 3, 2019 1:11 PM  
**To:** Gascon, Julie; Ryan, Patricia  
**Cc:** Harvey, Clifford; Vollrath, Jennifer

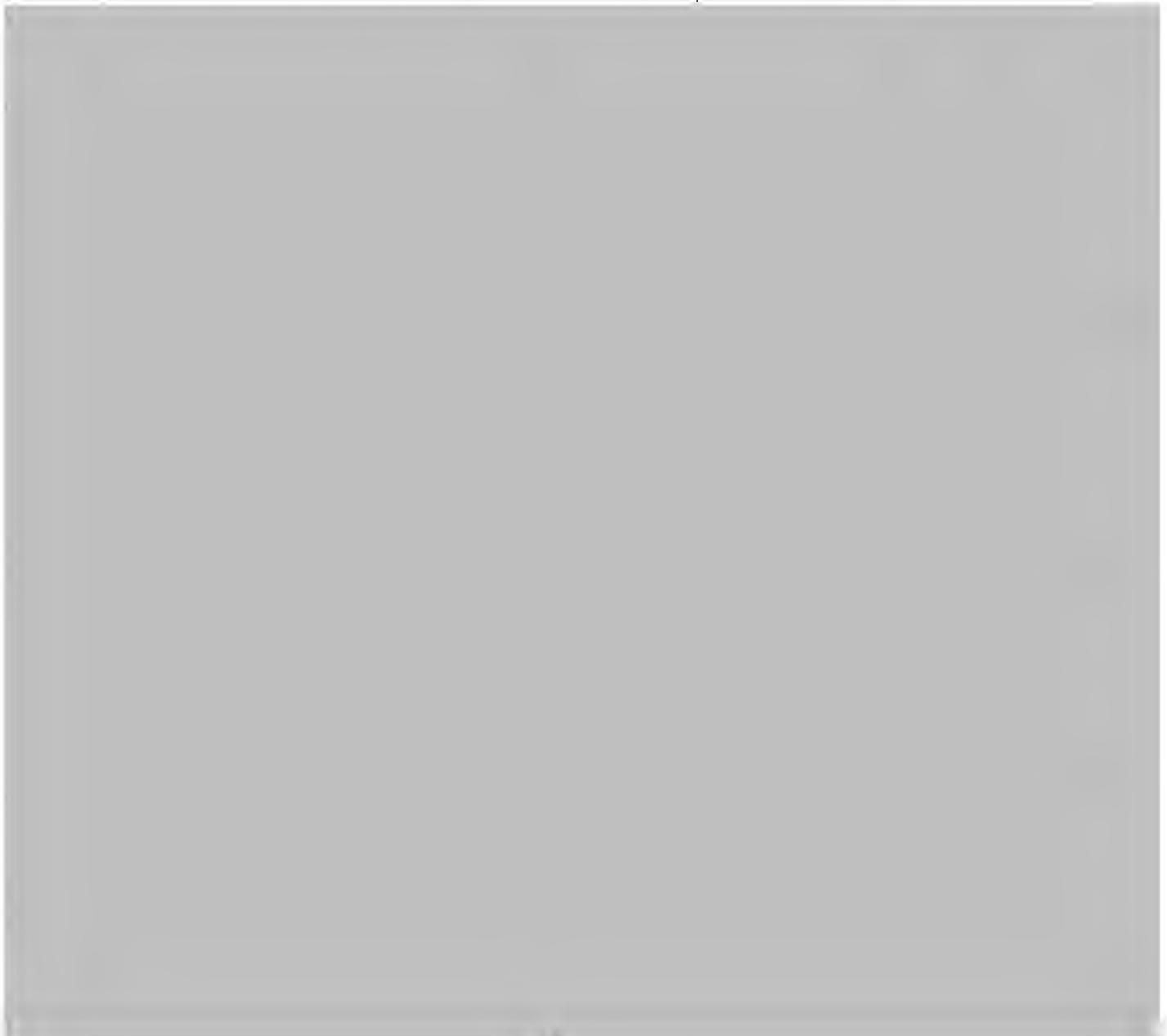
s.69(1)(g) re: (a)

**Subject:**  
**Attachments:**

**Importance:** High

Colleagues,

Thanks for our chats in recent weeks on the funding related to the VLE for the *CCGS Hudson*. Went back and did some homework after our recent chat, Sam, and have outlined some of the results below.





Your timely co-operation in addressing this is greatly appreciated. Happy to meet or chat at your convenience.

Thanks,

s.69(1)(g) re: (a)

Wayne

**Pages 117 to / à 124  
are withheld pursuant to section  
sont retenues en vertu de l'article**

**69(1)(g) re: (a)**

**of the Access to Information Act  
de la Loi sur l'accès à l'information**

## Lapointe, Danielle-Constance

---

**From:** Vollrath, Jennifer  
**Sent:** Wednesday, May 8, 2019 10:12 AM  
**To:** Lyrette, Annie  
**Cc:** Pilon, Julie  
**Subject:** RE: 2019-20 EOS to CCG Budget Transfer  
**Attachments:** Hudson Charter Funding FY 2019/20 - Phase II VLE

Good morning,

Merci pour votre message. Wayne has sent an email to CCG DGs Sam Ryan and Julie Gascon regarding funds CCG owes us (please see attached email). I would suggest you advise FMA for CCG that there will not be a transfer until this matter is resolved. In the meantime I will follow-up with Wayne on this.

Good times,  
Jennifer

PS my French language training paperwork has been signed – I will leave June 24<sup>th</sup> to start my training. I'll be back in the Fall – October(ish) ☺

**From:** Lyrette, Annie <Annie.Lyrette@dfo-mpo.gc.ca>  
**Sent:** May-08-19 9:59 AM  
**To:** Vollrath, Jennifer <Jennifer.Vollrath@dfo-mpo.gc.ca>  
**Cc:** Pilon, Julie <Julie.Pilon@dfo-mpo.gc.ca>  
**Subject:** FW: 2019-20 EOS to CCG Budget Transfer

Good morning Jennifer ☺

The FMA that looks at CCG budget contacted me to know when EOS will be transferring some funds to them. Is there anything new regarding the negotiations between EOS and CCG to determine the amounts Science owe them?

Thank you ☺

*Annie Lyrette*

Financial Management Advisor / Conseillère en gestion financière  
Financial Management Advisory Services / Services consultatifs en gestion financière  
Fisheries and Oceans Canada / Pêches et Océans Canada  
Immeuble Centennial Towers  
9N102B – 200, rue Kent St.  
Ottawa, Ontario K1A 0E6  
Tel. / Tél.: (613)295-0358

**CCGS Hudson VLE Related Costs**

<b>Charters</b>	<b>Salary</b>	<b>O&amp;M</b>	<b>Total</b>
Maritimes Spring AZMP (Hudson Charter █ days) - contract awarded to Reformar <sup>1</sup>		-574,474	
AZOMP (Hudson Charter) - Scheduled on CCGS Amundsen (█ days + mob and demob)		-1,650,000	
Whale Surveys (incl. OPP requests)		-700,000	
Maritimes Fall AZMP (Hudson Charter █ days) - extension awarded to Reformar		-674,474	
Quebec AZMP (Hudson Charter █ days)		-674,474	
NL AZMP (Hudson Charter █ days)		-1,200,000	
Vessel Pre-Qualification/Revised RFP Process/Industry Day for Hudson Mitigation Strategy		-75,000	
<b>Sub Total for Hudson Charters</b>			<b>-5,548,422</b>
<b>FOP</b>	<b>-22,729</b>	<b>-830,183</b>	<b>-852,912</b>
<b>TOTAL CCGS Hudson VLE Related Costs FY 2019/20</b>			<b>-6,401,334</b>

<sup>1</sup> Maritimes Spring AZMP Charter cost = \$674,474 (\$100K funded in FY2018/19)

**EOS Transfer to CCG FY2019/20**

<b>CCG FOP</b>	<b>Salary</b>	<b>O&amp;M</b>	<b>Totals</b>
CCG FOP FY 2019/20 (14 vessels) - Salary & O&M (FOP version 2) <sup>1</sup>	-22,836,200	-5,867,861	-28,704,061
CCG FOP FY 2019/20 (14 vessels) - Fuel (FOP version 2)		-6,270,209	-6,270,209
	<b>CCG FOP Sub Total</b>	<b>-12,138,070</b>	<b>-34,974,270</b>
Layday Budget - per FOP	1,127,000		1,127,000
SC Collective Agreement - per FOP	592,980		592,980
CCG Maintenance/Refit		-4,050,000	-4,050,000
Revised FOP to remove CCGS Franklin cost	2,184,618	1,278,838	3,463,456
Revised FOP to remove 'non-Standard Business Requirements not in the FOP'	3,507,104	1,341,103	4,848,207
<b>Adjustments</b>	<b>TOTAL Adjustments</b>	<b>-1,430,059</b>	<b>5,981,643</b>
	<b>TOTAL EOS Transfer for FOP and Maintenance FY2019/20</b>	<b>-15,424,498</b>	<b>-28,992,627</b>

NOTES: <sup>1</sup>CCG FOP includes \$852,912 for CCGS Hudson

# EOS Vessel Budget Forecast FY 2019/20 (RC61012)

as of March 5, 2019

EOS Funding		Salary	O&M	Totals
EOS Vessel Budget				
Vessel Maintenance/Refit		20,670,374	14,092,467	34,762,841
TOTAL EOS Vessel Budget (RC61012)		20,670,374	14,092,467	34,762,841
CCG FOP				
CCG FOP FY 2019/20 (14 vessels) - Salary & O&M (FOP version 2) <sup>1</sup>		-22,836,200	-5,867,861	-28,704,061
CCG FOP FY 2019/20 (14 vessels) - Fuel (FOP version 2)		-6,270,209	-6,270,209	-12,540,418
Layday Budget - per FOP		1,127,000	-12,138,070	-11,011,070
SC Collective Agreement - per FOP		592,980		592,980
CCG Maintenance			-4,050,000	-4,050,000
Revised FOP to remove CCGS Franklin		2,184,618	1,278,838	3,463,456
TOTAL CCG FOP + Maintenance FY2018/19 Costs		-18,931,602	-14,909,232	-33,840,834

		3,463,456	-31,510,814	FOP net of Franklin
			4,972,007	Sub total

s.20(1)(b)  
s.21(1)(b)

## Charters

Maritimes Spring AZMP (Hudson Charter █ days) - contract awarded to Reformar <sup>2</sup>	-574,474	
AZMP (Hudson Charter) - Scheduled on CCGS Amundsen (█ days + mob and demob)	-1,650,000	
Whale/COOGER Surveys (incl. OPP requests)	-700,000	
Maritimes Fall AZMP (Hudson Charter █ days) - extension awarded to Reformar	-674,474	
Quebec AZMP (Hudson Charter █ days)	-674,474	
NL AZMP (Hudson Charter █ days)	-1,200,000	
Vessel Pre-Qualification/Revised RFP Process/Industry Day for Hudson Mitigation Strategy	-75,000	
Sub Total for Hudson Charters	-5,548,422	
Ricker Charters (Pacific)	-2,720,000	
Baffin Bay / Davis Strait Multispecies Survey (C&A)	-350,000	
TOTAL Charter FY2018/19 Costs	-8,268,422	-8,268,422
Remaining EOS Vessel Budget Funds	1,738,772	-5,035,187
Salary	1,738,772	
Salary converted to O&M at 27% EBP	469,468	
Remaining EOS Vessel Budget with Salary Converted to O&M	2,208,240	-2,826,947
Anticipated CCG Funding for Hudson Charters <sup>3</sup>	5,548,422	
Converted salary into O&M	2,208,240	
Remaining EOS Vessel Budget Funds When CCG Funds Hudson Charters	7,756,662	2,721,475

469,468 Additional Source (EBP Conversion)

5,548,422 Additional Source - CCG Funding)

2,721,475 Remaining Budget

0 (Double counted in table??)

NOTES: <sup>1</sup>CCG FOP includes \$852,912 for CCGS Hudson  
<sup>2</sup> Maritimes Spring AZMP Charter cost = \$674,474 (\$100K funded in FY2018/19)  
<sup>3</sup> Given the shift in CCGS Hudson work package from Phase I to Phase II, CCG had agreed to fund Phase II charter work from VLE contingency



## Vigneault, Bernard

---

**From:** Niven, Sherry  
**Sent:** May 14, 2019 10:15 AM  
**To:** Bertorelli, John  
**Cc:** Vigneault, Bernard; Peramaki, Liisa  
**Subject:** RE: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Thanks so much John – looking forward to getting the approved request back!

Sherry

s.19(1)

**From:** Bertorelli, John <John.Bertorelli@dfo-mpo.gc.ca>  
**Sent:** Monday, May 13, 2019 1:26 PM  
**To:** Niven, Sherry <Sherry.Niven@dfo-mpo.gc.ca>  
**Cc:** Vigneault, Bernard <Bernard.Vigneault@dfo-mpo.gc.ca>; Peramaki, Liisa <Liisa.Peramaki@dfo-mpo.gc.ca>  
**Subject:** RE: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Thanks a million. Once we get it I will get the remaining signatures and then send you back a completed approved version. (I did include the word, APPROVED..)

Cheers

**From:** Niven, Sherry <Sherry.Niven@dfo-mpo.gc.ca>  
**Sent:** May-13-19 12:21 PM  
**To:** Bertorelli, John <John.Bertorelli@dfo-mpo.gc.ca>  
**Cc:** Vigneault, Bernard <Bernard.Vigneault@dfo-mpo.gc.ca>; Peramaki, Liisa <Liisa.Peramaki@dfo-mpo.gc.ca>  
**Subject:** RE: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Hi John – the PCR has been signed off in the region and should be one its way to Bernard Vigneault soon.

Sherry

**From:** Niven, Sherry <Sherry.Niven@dfo-mpo.gc.ca>  
**Sent:** Saturday, May 11, 2019 12:54 PM  
**To:** Bertorelli, John <John.Bertorelli@dfo-mpo.gc.ca>  
**Subject:** Re: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

I'll check where it is in the approval chain and get back to you.

Sherry

Sent from my BlackBerry 10 smartphone on the Bell network.

**From:** Bertorelli, John  
**Sent:** Saturday, May 11, 2019 11:50 AM  
**To:** Niven, Sherry  
**Subject:** Re: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Good morning Sherry, would you have an update for us.

Cheers

[REDACTED]

s.19(1)

On May 9, 2019, at 11:40 AM, Niven, Sherry <[Sherry.Niven@dfo-mpo.gc.ca](mailto:Sherry.Niven@dfo-mpo.gc.ca)> wrote:

s.21(1)(b)

Good afternoon Alain,

The OPP Project Change Request form to increase our OPP budgets (MEQ and Fate and Behaviour) by \$300,000 to complete the [REDACTED] required for the Gulf of Saint Lawrence charter is attached for your approval and submission to Kerri Graham, as OPP lead for Maritimes.

The form has been completed as requested by Jaime Caceres and with guidance from the OPP Secretariat. Many thanks Jaime, Ellen, and John!

After sign-off in the region, it needs DG sign-off. Liisa, could you please brief Bernard since it is his first day on the job?

Please let me know if you have any questions,

Sherry

Sherry E. H. Niven, Ph.D.

Manager, Ocean and Ecosystem Sciences Division | Gestionnaire, Division des sciences de l'écosystème et de la mer

Maritimes Region | Région des Maritimes

Fisheries and Oceans Canada | Pêches et Océans Canada

Bedford Institute of Oceanography | Institut Océanographique de Bedford

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[sherry.niven@dfo-mpo.gc.ca](mailto:sherry.niven@dfo-mpo.gc.ca)

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Cell | Tél cell: (902) 225-6005

Government of Canada | Gouvernement du Canada

<8P220 - 8X410.doc>

## Vigneault, Bernard

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**From:** Bertorelli, John  
**Sent:** May 15, 2019 3:42 PM  
**To:** Niven, Sherry; McDonald, Kathleen; Cadeau, Jennifer  
**Cc:** Melanson, Simon; Folkins, Susan; Peramaki, Liisa; Vigneault, Bernard; Ramirez Sanchez, Saudiel  
**Subject:** RE: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Perfect thanks. We will return a completed copy as soon as it is completed (tomorrow!)

Cheers

PS. Jen, please make the change and proceed accordingly. Thanks.

**From:** Niven, Sherry <Sherry.Niven@dfo-mpo.gc.ca>  
**Sent:** May-15-19 3:15 PM  
**To:** Bertorelli, John <John.Bertorelli@dfo-mpo.gc.ca>; McDonald, Kathleen <Kathleen.Mcdonald@dfo-mpo.gc.ca>; Cadeau, Jennifer <Jennifer.Cadeau@dfo-mpo.gc.ca>  
**Cc:** Melanson, Simon <Simon.Melanson@dfo-mpo.gc.ca>; Folkins, Susan <Susan.Folkins@dfo-mpo.gc.ca>; Peramaki, Liisa <Liisa.Peramaki@dfo-mpo.gc.ca>; Vigneault, Bernard <Bernard.Vigneault@dfo-mpo.gc.ca>; Ramirez Sanchez, Saudiel <Saudiel.RamirezSanchez@DFO-MPO.GC.CA>  
**Subject:** Re: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

That makes sense to me.

Thanks!

Sherry

Sent from my BlackBerry 10 smartphone on the Bell network.

**From:** Bertorelli, John  
**Sent:** Wednesday, May 15, 2019 4:12 PM  
**To:** Niven, Sherry; McDonald, Kathleen; Cadeau, Jennifer  
**Cc:** Melanson, Simon; Folkins, Susan; Peramaki, Liisa; Vigneault, Bernard; Ramirez Sanchez, Saudiel  
**Subject:** RE: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Sherry, we can update it from here if you wish.

**From:** Niven, Sherry <Sherry.Niven@dfo-mpo.gc.ca>  
**Sent:** May-15-19 1:00 PM  
**To:** Bertorelli, John <John.Bertorelli@dfo-mpo.gc.ca>; McDonald, Kathleen <Kathleen.Mcdonald@dfo-mpo.gc.ca>; Cadeau, Jennifer <Jennifer.Cadeau@dfo-mpo.gc.ca>  
**Cc:** Melanson, Simon <Simon.Melanson@dfo-mpo.gc.ca>; Folkins, Susan <Susan.Folkins@dfo-mpo.gc.ca>; Peramaki, Liisa <Liisa.Peramaki@dfo-mpo.gc.ca>; Vigneault, Bernard <Bernard.Vigneault@dfo-mpo.gc.ca>; Ramirez Sanchez, Saudiel <Saudiel.RamirezSanchez@DFO-MPO.GC.CA>  
**Subject:** RE: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Good afternoon John,

In response to your phone message asking for a status update for Jaime on the PCR, it has been signed off by the DG EOS (see attached) and I believe, from the e-mail below, to be on its way to Simon Melanson.

Katie and/or Jennifer could you please advise. Thanks!

Sherry

Sherry E. H. Niven, Ph.D.

Manager, Ocean and Ecosystem Sciences Division | Gestionnaire, Division des sciences de l'écosystème et de la mer  
Maritimes Region | Région des Maritimes  
Fisheries and Oceans Canada | Pêches et Océans Canada  
Bedford Institute of Oceanography | Institut Océanographique de Bedford  
P.O. Box 1006 | C.P. 1006  
Dartmouth, NS B2Y 4A2 | Dartmouth, N-E B2Y 4A2  
[sherry.niven@dfo-mpo.gc.ca](mailto:sherry.niven@dfo-mpo.gc.ca)  
Tel|Tél: (902) 426-8366  
Cell| Tél cell: (902) 225-6005  
Government of Canada | Gouvernement du Canada

**From:** McDonald, Kathleen <[Kathleen.Mcdonald@dfo-mpo.gc.ca](mailto:Kathleen.Mcdonald@dfo-mpo.gc.ca)>

**Sent:** Tuesday, May 14, 2019 4:44 PM

**To:** Ramirez Sanchez, Saudiel <[Saudiel.RamirezSanchez@DFO-MPO.GC.CA](mailto:Saudiel.RamirezSanchez@DFO-MPO.GC.CA)>

**Cc:** Melanson, Simon <[Simon.Melanson@dfo-mpo.gc.ca](mailto:Simon.Melanson@dfo-mpo.gc.ca)>; Cadeau, Jennifer <[Jennifer.Cadeau@dfo-mpo.gc.ca](mailto:Jennifer.Cadeau@dfo-mpo.gc.ca)>; Folkins, Susan <[Susan.Folkins@dfo-mpo.gc.ca](mailto:Susan.Folkins@dfo-mpo.gc.ca)>; Peramaki, Liisa <[Liisa.Peramaki@dfo-mpo.gc.ca](mailto:Liisa.Peramaki@dfo-mpo.gc.ca)>; Vigneault, Bernard <[Bernard.Vigneault@dfo-mpo.gc.ca](mailto:Bernard.Vigneault@dfo-mpo.gc.ca)>; Niven, Sherry <[Sherry.Niven@dfo-mpo.gc.ca](mailto:Sherry.Niven@dfo-mpo.gc.ca)>

**Subject:** FW: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Hi Saudiel,

If you could please direct all PCR's to Jennifer Cadeau (cc'd here). Jen could you please action.

Thank you!

Katie

**From:** Cadeau, Jennifer <[Jennifer.Cadeau@dfo-mpo.gc.ca](mailto:Jennifer.Cadeau@dfo-mpo.gc.ca)>

**Sent:** May-14-19 12:59 PM

**To:** McDonald, Kathleen <[Kathleen.Mcdonald@dfo-mpo.gc.ca](mailto:Kathleen.Mcdonald@dfo-mpo.gc.ca)>

**Subject:** RE: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Oops I forgot to mention – feel free to direct them my way.

**From:** McDonald, Kathleen <[Kathleen.Mcdonald@dfo-mpo.gc.ca](mailto:Kathleen.Mcdonald@dfo-mpo.gc.ca)>

**Sent:** Tuesday, May 14, 2019 12:18 PM

**To:** Cadeau, Jennifer <[Jennifer.Cadeau@dfo-mpo.gc.ca](mailto:Jennifer.Cadeau@dfo-mpo.gc.ca)>

**Cc:** Bertorelli, John <[John.Bertorelli@dfo-mpo.gc.ca](mailto:John.Bertorelli@dfo-mpo.gc.ca)>; Melanson, Simon <[Simon.Melanson@dfo-mpo.gc.ca](mailto:Simon.Melanson@dfo-mpo.gc.ca)>

**Subject:** FW: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

**Importance:** High

Hi Jen,

Should this not be routed through you first? Please let me know what you would like me to do with this.

Katie

**From:** Ramirez Sanchez, Saudiel <[Saudiel.RamirezSanchez@DFO-MPO.GC.CA](mailto:Saudiel.RamirezSanchez@DFO-MPO.GC.CA)>

**Sent:** May-14-19 12:10 PM

**To:** Melanson, Simon <[Simon.Melanson@dfo-mpo.gc.ca](mailto:Simon.Melanson@dfo-mpo.gc.ca)>

**Cc:** Folkins, Susan <[Susan.Folkins@dfo-mpo.gc.ca](mailto:Susan.Folkins@dfo-mpo.gc.ca)>; Peramaki, Liisa <[Liisa.Peramaki@dfo-mpo.gc.ca](mailto:Liisa.Peramaki@dfo-mpo.gc.ca)>; Vigneault, Bernard <[Bernard.Vigneault@dfo-mpo.gc.ca](mailto:Bernard.Vigneault@dfo-mpo.gc.ca)>; Peramaki, Liisa <[Liisa.Peramaki@dfo-mpo.gc.ca](mailto:Liisa.Peramaki@dfo-mpo.gc.ca)>; Niven, Sherry <[Sherry.Niven@dfo-mpo.gc.ca](mailto:Sherry.Niven@dfo-mpo.gc.ca)>

**Subject:** FW: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

**Importance:** High

Hi Simon, Susan Folkins requested to send you the ESD DG approved Project Changed Request (attached).

Thanks,

Saudiel Ramirez Sanchez, PhD

Tel: 613 990-7076

**From:** MAR RD Science Office / Bureau du DR de Science MAR (DFO/MPO) <[DFO.MAR.RDScienceOffice-BureauduDRdeScience.MAR.DFO@dfo-mpo.gc.ca](mailto:DFO.MAR.RDScienceOffice-BureauduDRdeScience.MAR.DFO@dfo-mpo.gc.ca)>

**Sent:** Monday, May 13, 2019 1:07 PM

**To:** Ramirez Sanchez, Saudiel <[Saudiel.RamirezSanchez@DFO-MPO.GC.CA](mailto:Saudiel.RamirezSanchez@DFO-MPO.GC.CA)>

**Cc:** Peramaki, Liisa <[Liisa.Peramaki@dfo-mpo.gc.ca](mailto:Liisa.Peramaki@dfo-mpo.gc.ca)>

**Subject:** RE: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Good afternoon Saudiel,

From my understanding, Page 3 holds the list of Requested Approvals. I have both Alain and Kerri signature on this document and now submitting to you for Bernard Vigneault for both review and signature.

Upon completion, please scan and email a signed copy to Simon Melanson, who is listed next on the document. Also, you may want to cc Sherry Niven for her records as well.

Thank you

Susan

Susan Folkins

Executive Assistant, Maritimes Science Branch, Regional Director's Office

Fisheries and Oceans Canada / Government of Canada

[Susan.Folkins@dfo-mpo.gc.ca](mailto:Susan.Folkins@dfo-mpo.gc.ca) / Tel: 902-426-3490 / Fax: 902-426-8484

Assistant exécutif, Direction générale des sciences Maritimes, Bureau du directeur régional

Pêches et Océans Canada / Gouvernement du Canada

[Susan.Folkins@dfo-mpo.gc.ca](mailto:Susan.Folkins@dfo-mpo.gc.ca) / Tél. : 902-426-3490 / Télécopieur : 902-426-8484



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**From:** Ramirez Sanchez, Saudiel <[Saudiel.RamirezSanchez@DFO-MPO.GC.CA](mailto:Saudiel.RamirezSanchez@DFO-MPO.GC.CA)>  
**Sent:** Monday, May 13, 2019 2:00 PM  
**To:** MAR RD Science Office / Bureau du DR de Science MAR (DFO/MPO) <[DFO.MAR.RDScienceOffice-BureauduDRdeScience.MAR.DFO@dfo-mpo.gc.ca](mailto:DFO.MAR.RDScienceOffice-BureauduDRdeScience.MAR.DFO@dfo-mpo.gc.ca)>  
**Cc:** Peramaki, Liisa <[Liisa.Peramaki@dfo-mpo.gc.ca](mailto:Liisa.Peramaki@dfo-mpo.gc.ca)>; Niven, Sherry <[Sherry.Niven@dfo-mpo.gc.ca](mailto:Sherry.Niven@dfo-mpo.gc.ca)>  
**Subject:** RE: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Hi Susan, can you please tell me to whom and by when this needs to be submitted after Bernard reviews/signs off?

Liisa, is there any additional information Bernard needs to review/approve?

Thanks,

Saudiel Ramirez Sanchez, PhD  
Tel: 613 990-7076

**From:** MAR RD Science Office / Bureau du DR de Science MAR (DFO/MPO) <[DFO.MAR.RDScienceOffice-BureauduDRdeScience.MAR.DFO@dfo-mpo.gc.ca](mailto:DFO.MAR.RDScienceOffice-BureauduDRdeScience.MAR.DFO@dfo-mpo.gc.ca)>  
**Sent:** Monday, May 13, 2019 12:20 PM  
**To:** Ramirez Sanchez, Saudiel <[Saudiel.RamirezSanchez@DFO-MPO.GC.CA](mailto:Saudiel.RamirezSanchez@DFO-MPO.GC.CA)>  
**Cc:** Peramaki, Liisa <[Liisa.Peramaki@dfo-mpo.gc.ca](mailto:Liisa.Peramaki@dfo-mpo.gc.ca)>; Niven, Sherry <[Sherry.Niven@dfo-mpo.gc.ca](mailto:Sherry.Niven@dfo-mpo.gc.ca)>  
**Subject:** FW: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001  
**Importance:** High

Good afternoon,

Please see attached signed OPP Project Change Request approved by both Alain Vezina and Kerri Graham.

Thank you  
Susan

Susan Folkins

Executive Assistant, Maritimes Science Branch, Regional Director's Office  
Fisheries and Oceans Canada / Government of Canada  
[Susan.Folkins@dfo-mpo.gc.ca](mailto:Susan.Folkins@dfo-mpo.gc.ca) / Tel: 902-426-3490 / Fax: 902-426-8484

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**From:** Niven, Sherry <[Sherry.Niven@dfo-mpo.gc.ca](mailto:Sherry.Niven@dfo-mpo.gc.ca)>

**Sent:** Thursday, May 9, 2019 12:40 PM

**To:** Vézina, Alain <[Alain.Vezina@dfo-mpo.gc.ca](mailto:Alain.Vezina@dfo-mpo.gc.ca)>

**Cc:** Graham, Kerri <[Kerri.Graham@dfo-mpo.gc.ca](mailto:Kerri.Graham@dfo-mpo.gc.ca)>; [bernard.vigneault@canada.ca](mailto:bernard.vigneault@canada.ca); Peramaki, Liisa <[Liisa.Peramaki@dfo-mpo.gc.ca](mailto:Liisa.Peramaki@dfo-mpo.gc.ca)>; Goit, Monique <[Monique.Goit@dfo-mpo.gc.ca](mailto:Monique.Goit@dfo-mpo.gc.ca)>; Moore, Wayne <[Wayne.Moore@dfo-mpo.gc.ca](mailto:Wayne.Moore@dfo-mpo.gc.ca)>; Vollrath, Jennifer <[Jennifer.Vollrath@dfo-mpo.gc.ca](mailto:Jennifer.Vollrath@dfo-mpo.gc.ca)>; Caceres, Jaime <[Jaime.Caceres@dfo-mpo.gc.ca](mailto:Jaime.Caceres@dfo-mpo.gc.ca)>; Bertorelli, John <[John.Bertorelli@dfo-mpo.gc.ca](mailto:John.Bertorelli@dfo-mpo.gc.ca)>; Brown, Ellen <[Ellen.Brown@dfo-mpo.gc.ca](mailto:Ellen.Brown@dfo-mpo.gc.ca)>; Rol, Tara M <[Tara.Rol@dfo-mpo.gc.ca](mailto:Tara.Rol@dfo-mpo.gc.ca)>; St-Laurent, Bob <[Bob.St-Laurent@dfo-mpo.gc.ca](mailto:Bob.St-Laurent@dfo-mpo.gc.ca)>; MAR RD Science Office / Bureau du DR de Science MAR (DFO/MPO) <[DFO.MAR.RDScienceOffice-BureauDuDRdeScience.MAR.DFO@dfo-mpo.gc.ca](mailto:DFO.MAR.RDScienceOffice-BureauDuDRdeScience.MAR.DFO@dfo-mpo.gc.ca)>

**Subject:** OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

**Importance:** High

s.21(1)(b)

Good afternoon Alain,

The OPP Project Change Request form to increase our OPP budgets (MEQ and Fate and Behaviour) by \$300,000 to complete the [REDACTED] required for the Gulf of Saint Lawrence charter is attached for your approval and submission to Kerri Graham, as OPP lead for Maritimes.

The form has been completed as requested by Jaime Caceres and with guidance from the OPP Secretariat. Many thanks Jaime, Ellen, and John!

After sign-off in the region, it needs DG sign-off. Liisa, could you please brief Bernard since it is his first day on the job?

Please let me know if you have any questions,

Sherry

Sherry E. H. Niven, Ph.D.

Manager, Ocean and Ecosystem Sciences Division | Gestionnaire, Division des sciences de l'écosystème et de la mer  
Maritimes Region | Région des Maritimes

Fisheries and Oceans Canada | Pêches et Océans Canada

Bedford Institute of Oceanography | Institut Océanographique de Bedford

P.O. Box 1006 | C.P. 1006

Dartmouth, NS B2Y 4A2 | Dartmouth, N-E B2Y 4A2

[sherry.niven@dfo-mpo.gc.ca](mailto:sherry.niven@dfo-mpo.gc.ca)

Tel | Tél: (902) 426-8366

Cell | Tél cell: (902) 225-6005

Government of Canada | Gouvernement du Canada

## **Bertorelli, John**

---

**From:** Bertorelli, John  
**Sent:** May-15-19 3:06 PM  
**To:** Niven, Sherry; Ramirez Sanchez, Saudiel; McDonald, Kathleen; Cadeau, Jennifer  
**Cc:** Melanson, Simon; Folkins, Susan; Peramaki, Liisa; Vigneault, Bernard  
**Subject:** RE: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Please do not hesitate in updating the block if it needs to be done. You can simply make the change by hand and forward a copy to us so that we could get signatures from our end.

Cheers

John Be.

**From:** Niven, Sherry <Sherry.Niven@dfo-mpo.gc.ca>  
**Sent:** May-15-19 2:02 PM  
**To:** Ramirez Sanchez, Saudiel <Saudiel.RamirezSanchez@DFO-MPO.GC.CA>; Bertorelli, John <John.Bertorelli@dfo-mpo.gc.ca>; McDonald, Kathleen <Kathleen.Mcdonald@dfo-mpo.gc.ca>; Cadeau, Jennifer <Jennifer.Cadeau@dfo-mpo.gc.ca>  
**Cc:** Melanson, Simon <Simon.Melanson@dfo-mpo.gc.ca>; Folkins, Susan <Susan.Folkins@dfo-mpo.gc.ca>; Peramaki, Liisa <Liisa.Peramaki@dfo-mpo.gc.ca>; Vigneault, Bernard <Bernard.Vigneault@dfo-mpo.gc.ca>  
**Subject:** Re: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

I leave that to John and or Bernard to decide. I think Jaime just wanted sign-off by the responsible DG within EOS, so that it why it was written that way.

Sherry

Sent from my BlackBerry 10 smartphone on the Bell network.

**From:** Ramirez Sanchez, Saudiel  
**Sent:** Wednesday, May 15, 2019 2:12 PM  
**To:** Niven, Sherry; Bertorelli, John; McDonald, Kathleen; Cadeau, Jennifer  
**Cc:** Melanson, Simon; Folkins, Susan; Peramaki, Liisa; Vigneault, Bernard  
**Subject:** RE: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Hi Sherry, I just noticed that the PCR has Bernard as DG of EOS. This is not correct, he is DG of Ecosystem Science Directorate (ESD). Our sector is Ecosystems and Oceans Science (EOS). Not sure if the PCR needs to be amended and signed again by Bernard. Please advise.

Saudiel Ramirez Sanchez, PhD

Tel: 613 990-7076

**From:** Niven, Sherry <Sherry.Niven@dfo-mpo.gc.ca>  
**Sent:** Wednesday, May 15, 2019 1:00 PM  
**To:** Bertorelli, John <John.Bertorelli@dfo-mpo.gc.ca>; McDonald, Kathleen <Kathleen.Mcdonald@dfo-mpo.gc.ca>; Cadeau, Jennifer <Jennifer.Cadeau@dfo-mpo.gc.ca>  
**Cc:** Melanson, Simon <Simon.Melanson@dfo-mpo.gc.ca>; Folkins, Susan <Susan.Folkins@dfo-mpo.gc.ca>; Peramaki, Liisa <Liisa.Peramaki@dfo-mpo.gc.ca>; Vigneault, Bernard



<[Bernard.Vigneault@dfo-mpo.gc.ca](mailto:Bernard.Vigneault@dfo-mpo.gc.ca)>; Ramirez Sanchez, Saudiel <[Saudiel.RamirezSanchez@DFO-MPO.GC.CA](mailto:Saudiel.RamirezSanchez@DFO-MPO.GC.CA)>

**Subject:** RE: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Good afternoon John,

In response to your phone message asking for a status update for Jaime on the PCR, it has been signed off by the DG EOS (see attached) and I believe, from the e-mail below, to be on its way to Simon Melanson.

Katie and/or Jennifer could you please advise. Thanks!

Sherry

Sherry E. H. Niven, Ph.D.

Manager, Ocean and Ecosystem Sciences Division | Gestionnaire, Division des sciences de l'écosystème et de la mer

Maritimes Region | Région des Maritimes

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Tel|Tél: (902) 426-8366

Cell| Tél cell: (902) 225-6005

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**From:** McDonald, Kathleen <[Kathleen.Mcdonald@dfo-mpo.gc.ca](mailto:Kathleen.Mcdonald@dfo-mpo.gc.ca)>

**Sent:** Tuesday, May 14, 2019 4:44 PM

**To:** Ramirez Sanchez, Saudiel <[Saudiel.RamirezSanchez@DFO-MPO.GC.CA](mailto:Saudiel.RamirezSanchez@DFO-MPO.GC.CA)>

**Cc:** Melanson, Simon <[Simon.Melanson@dfo-mpo.gc.ca](mailto:Simon.Melanson@dfo-mpo.gc.ca)>; Cadeau, Jennifer <[Jennifer.Cadeau@dfo-mpo.gc.ca](mailto:Jennifer.Cadeau@dfo-mpo.gc.ca)>; Folkins, Susan <[Susan.Folkins@dfo-mpo.gc.ca](mailto:Susan.Folkins@dfo-mpo.gc.ca)>; Peramaki, Liisa <[Liisa.Peramaki@dfo-mpo.gc.ca](mailto:Liisa.Peramaki@dfo-mpo.gc.ca)>; Vigneault, Bernard <[Bernard.Vigneault@dfo-mpo.gc.ca](mailto:Bernard.Vigneault@dfo-mpo.gc.ca)>; Niven, Sherry <[Sherry.Niven@dfo-mpo.gc.ca](mailto:Sherry.Niven@dfo-mpo.gc.ca)>

**Subject:** FW: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Hi Saudiel,

If you could please direct all PCR's to Jennifer Cadeau (cc'd here). Jen could you please action.

Thank you!

Katie

**From:** Cadeau, Jennifer <[Jennifer.Cadeau@dfo-mpo.gc.ca](mailto:Jennifer.Cadeau@dfo-mpo.gc.ca)>

**Sent:** May-14-19 12:59 PM

**To:** McDonald, Kathleen <[Kathleen.Mcdonald@dfo-mpo.gc.ca](mailto:Kathleen.Mcdonald@dfo-mpo.gc.ca)>

**Subject:** RE: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Oops I forgot to mention -- feel free to direct them my way.

**From:** McDonald, Kathleen <Kathleen.Mcdonald@dfo-mpo.gc.ca>  
**Sent:** Tuesday, May 14, 2019 12:18 PM  
**To:** Cadeau, Jennifer <Jennifer.Cadeau@dfo-mpo.gc.ca>  
**Cc:** Bertorelli, John <John.Bertorelli@dfo-mpo.gc.ca>; Melanson, Simon <Simon.Melanson@dfo-mpo.gc.ca>  
**Subject:** FW: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001  
**Importance:** High

Hi Jen,

Should this not be routed through you first? Please let me know what you would like me to do with this.

Katie

**From:** Ramirez Sanchez, Saudiel <Saudiel.RamirezSanchez@DFO-MPO.GC.CA>  
**Sent:** May-14-19 12:10 PM  
**To:** Melanson, Simon <Simon.Melanson@dfo-mpo.gc.ca>  
**Cc:** Folkins, Susan <Susan.Folkins@dfo-mpo.gc.ca>; Peramaki, Liisa <Liisa.Peramaki@dfo-mpo.gc.ca>; Vigneault, Bernard <Bernard.Vigneault@dfo-mpo.gc.ca>; Peramaki, Liisa <Liisa.Peramaki@dfo-mpo.gc.ca>; Niven, Sherry <Sherry.Niven@dfo-mpo.gc.ca>  
**Subject:** FW: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001  
**Importance:** High

Hi Simon, Susan Folkins requested to send you the ESD DG approved Project Changed Request (attached).

Thanks,

Saudiel Ramirez Sanchez, PhD  
Tel. 613 990-7076

**From:** MAR RD Science Office / Bureau du DR de Science MAR (DFO/MPO)  
<DFO.MAR.RDScienceOffice-BureauduDRdeScience.MAR.DFO@dfo-mpo.gc.ca>  
**Sent:** Monday, May 13, 2019 1:07 PM  
**To:** Ramirez Sanchez, Saudiel <Saudiel.RamirezSanchez@DFO-MPO.GC.CA>  
**Cc:** Peramaki, Liisa <Liisa.Peramaki@dfo-mpo.gc.ca>  
**Subject:** RE: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Good afternoon Saudiel,

From my understanding, Page 3 holds the list of Requested Approvals. I have both Alain and Kerri signature on this document and now submitting to you for Bernard Vigneault for both review and signature.

Upon completion, please scan and email a signed copy to Simon Melanson, who is listed next on the document. Also, you may want to cc Sherry Niven for her records as well.

Thank you  
Susan

Susan Folkins

**Executive Assistant, Maritimes Science Branch, Regional Director's Office  
Fisheries and Oceans Canada / Government of Canada  
[Susan.Folkins@dfo-mpo.gc.ca](mailto:Susan.Folkins@dfo-mpo.gc.ca) / Tel: 902-426-3490 / Fax: 902-426-8484**

**Assistant exécutif, Direction générale des sciences Maritimes, Bureau du directeur régional  
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**From:** Ramirez Sanchez, Saudiel <[Saudiel.RamirezSanchez@DFO-MPO.GC.CA](mailto:Saudiel.RamirezSanchez@DFO-MPO.GC.CA)>  
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<[DFO.MAR.RDScienceOffice-BureauduDRdeScience.MAR.DFO@dfo-mpo.gc.ca](mailto:DFO.MAR.RDScienceOffice-BureauduDRdeScience.MAR.DFO@dfo-mpo.gc.ca)>  
**Cc:** Peramaki, Liisa <[Liisa.Peramaki@dfo-mpo.gc.ca](mailto:Liisa.Peramaki@dfo-mpo.gc.ca)>; Niven, Sherry <[Sherry.Niven@dfo-mpo.gc.ca](mailto:Sherry.Niven@dfo-mpo.gc.ca)>  
**Subject:** RE: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Hi Susan, can you please tell me to whom and by when this needs to be submitted after Bernard reviews/signs off?

Liisa, is there any additional information Bernard needs to review/approve?

Thanks,

Saudiel Ramirez Sanchez, PhD

Tel: 613 990 7076

**From:** MAR RD Science Office / Bureau du DR de Science MAR (DFO/MPO)  
<[DFO.MAR.RDScienceOffice-BureauduDRdeScience.MAR.DFO@dfo-mpo.gc.ca](mailto:DFO.MAR.RDScienceOffice-BureauduDRdeScience.MAR.DFO@dfo-mpo.gc.ca)>  
**Sent:** Monday, May 13, 2019 12:20 PM  
**To:** Ramirez Sanchez, Saudiel <[Saudiel.RamirezSanchez@DFO-MPO.GC.CA](mailto:Saudiel.RamirezSanchez@DFO-MPO.GC.CA)>  
**Cc:** Peramaki, Liisa <[Liisa.Peramaki@dfo-mpo.gc.ca](mailto:Liisa.Peramaki@dfo-mpo.gc.ca)>; Niven, Sherry <[Sherry.Niven@dfo-mpo.gc.ca](mailto:Sherry.Niven@dfo-mpo.gc.ca)>  
**Subject:** FW: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001  
**Importance:** High

Good afternoon,

Please see attached signed OPP Project Change Request approved by both Alain Vezina and Kerri Graham.

Thank you  
Susan

Susan Folkins

**Executive Assistant, Maritimes Science Branch, Regional Director's Office  
Fisheries and Oceans Canada / Government of Canada  
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s.21(1)(b)

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**Sent:** Thursday, May 9, 2019 12:40 PM  
**To:** Vézina, Alain <[Alain.Vezina@dfo-mpo.gc.ca](mailto:Alain.Vezina@dfo-mpo.gc.ca)>  
**Cc:** Graham, Kerri <[Kerri.Graham@dfo-mpo.gc.ca](mailto:Kerri.Graham@dfo-mpo.gc.ca)>; [bernard.vigneault@canada.ca](mailto:bernard.vigneault@canada.ca); Peramaki, Liisa <[Liisa.Peramaki@dfo-mpo.gc.ca](mailto:Liisa.Peramaki@dfo-mpo.gc.ca)>; Goit, Monique <[Monique.Goit@dfo-mpo.gc.ca](mailto:Monique.Goit@dfo-mpo.gc.ca)>; Moore, Wayne <[Wayne.Moore@dfo-mpo.gc.ca](mailto:Wayne.Moore@dfo-mpo.gc.ca)>; Vollrath, Jennifer <[Jennifer.Vollrath@dfo-mpo.gc.ca](mailto:Jennifer.Vollrath@dfo-mpo.gc.ca)>; Caceres, Jaime <[Jaime.Caceres@dfo-mpo.gc.ca](mailto:Jaime.Caceres@dfo-mpo.gc.ca)>; Bertorelli, John <[John.Bertorelli@dfo-mpo.gc.ca](mailto:John.Bertorelli@dfo-mpo.gc.ca)>; Brown, Ellen <[Ellen.Brown@dfo-mpo.gc.ca](mailto:Ellen.Brown@dfo-mpo.gc.ca)>; Rol, Tara M <[Tara.Rol@dfo-mpo.gc.ca](mailto:Tara.Rol@dfo-mpo.gc.ca)>; St-Laurent, Bob <[Bob.St-Laurent@dfo-mpo.gc.ca](mailto:Bob.St-Laurent@dfo-mpo.gc.ca)>; MAR RD Science Office / Bureau du DR de Science MAR (DFO/MPO) <[DFO.MAR.RDSscienceOffice-BureauduDRdeScience.MAR.DFO@dfo-mpo.gc.ca](mailto:DFO.MAR.RDSscienceOffice-BureauduDRdeScience.MAR.DFO@dfo-mpo.gc.ca)>  
**Subject:** OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001  
**Importance:** High

Good afternoon Alain,

The OPP Project Change Request form to increase our OPP budgets (MEQ and Fate and Behaviour) by \$300,000 to complete the [REDACTED] required for the Gulf of Saint Lawrence charter is attached for your approval and submission to Kerri Graham, as OPP lead for Maritimes.

The form has been completed as requested by Jaime Caceres and with guidance from the OPP Secretariat. Many thanks Jaime, Ellen, and John!

After sign-off in the region, it needs DG sign-off. Liisa, could you please brief Bernard since it is his first day on the job?

Please let me know if you have any questions,

Sherry

Sherry E. H. Niven, Ph.D.

Manager, Ocean and Ecosystem Sciences Division | Gestionnaire, Division des sciences de l'écosystème et de la mer  
Maritimes Region | Région des Maritimes  
Fisheries and Oceans Canada | Pêches et Océans Canada  
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Dartmouth, NS B2Y 4A2 | Dartmouth, N-E B2Y 4A2  
[sherry.niven@dfo-mpo.gc.ca](mailto:sherry.niven@dfo-mpo.gc.ca)  
Tel|Tél: (902) 426-8366

Cell| Tél cell: (902) 225-6005  
Government of Canada | Gouvernement du Canada

No information has been removed or severed from this page

## Vigneault, Bernard

---

**From:** Ramirez Sanchez, Saudiel  
**Sent:** May 16, 2019 11:59 AM  
**To:** Bertorelli, John; Niven, Sherry; McDonald, Kathleen; Cadeau, Jennifer  
**Cc:** Melanson, Simon; Folkins, Susan; Peramaki, Liisa; Vigneault, Bernard  
**Subject:** RE: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001  
**Attachments:** project change request ESD revised.pdf

Hi John, please find attached the revised Project Change Request doc.

Thanks,

Saudiel Ramirez Sanchez, PhD  
Tel: 613 990-7076

**From:** Bertorelli, John <John.Bertorelli@dfo-mpo.gc.ca>  
**Sent:** Wednesday, May 15, 2019 3:06 PM  
**To:** Niven, Sherry <Sherry.Niven@dfo-mpo.gc.ca>; Ramirez Sanchez, Saudiel <Saudiel.RamirezSanchez@DFO-MPO.GC.CA>; McDonald, Kathleen <Kathleen.Mcdonald@dfo-mpo.gc.ca>; Cadeau, Jennifer <Jennifer.Cadeau@dfo-mpo.gc.ca>  
**Cc:** Melanson, Simon <Simon.Melanson@dfo-mpo.gc.ca>; Folkins, Susan <Susan.Folkins@dfo-mpo.gc.ca>; Peramaki, Liisa <Liisa.Peramaki@dfo-mpo.gc.ca>; Vigneault, Bernard <Bernard.Vigneault@dfo-mpo.gc.ca>  
**Subject:** RE: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Please do not hesitate in updating the block if it needs to be done. You can simply make the change by hand and forward a copy to us so that we could get signatures from our end.

Cheers

John Be.

**From:** Niven, Sherry <Sherry.Niven@dfo-mpo.gc.ca>  
**Sent:** May-15-19 2:02 PM  
**To:** Ramirez Sanchez, Saudiel <Saudiel.RamirezSanchez@DFO-MPO.GC.CA>; Bertorelli, John <John.Bertorelli@dfo-mpo.gc.ca>; McDonald, Kathleen <Kathleen.Mcdonald@dfo-mpo.gc.ca>; Cadeau, Jennifer <Jennifer.Cadeau@dfo-mpo.gc.ca>  
**Cc:** Melanson, Simon <Simon.Melanson@dfo-mpo.gc.ca>; Folkins, Susan <Susan.Folkins@dfo-mpo.gc.ca>; Peramaki, Liisa <Liisa.Peramaki@dfo-mpo.gc.ca>; Vigneault, Bernard <Bernard.Vigneault@dfo-mpo.gc.ca>  
**Subject:** Re: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

I leave that to John and or Bernard to decide. I think Jaime just wanted sign-off by the responsible DG within EOS, so that it why it was written that way.

Sherry

Sent from my BlackBerry 10 smartphone on the Bell network.

**From:** Ramirez Sanchez, Saudiel  
**Sent:** Wednesday, May 15, 2019 2:12 PM

**To:** Niven, Sherry; Bertorelli, John; McDonald, Kathleen; Cadeau, Jennifer  
**Cc:** Melanson, Simon; Folkins, Susan; Peramaki, Liisa; Vigneault, Bernard  
**Subject:** RE: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Hi Sherry, I just noticed that the PCR has Bernard as DG of EOS. This is not correct, he is DG of Ecosystem Science Directorate (ESD). Our sector is Ecosystems and Oceans Science (EOS). Not sure if the PCR needs to be amended and signed again by Bernard. Please advise.

Saudiel Ramirez Sanchez, PhD  
Tel: 613 990-7076

**From:** Niven, Sherry <[Sherry.Niven@dfo-mpo.gc.ca](mailto:Sherry.Niven@dfo-mpo.gc.ca)>  
**Sent:** Wednesday, May 15, 2019 1:00 PM  
**To:** Bertorelli, John <[John.Bertorelli@dfo-mpo.gc.ca](mailto:John.Bertorelli@dfo-mpo.gc.ca)>; McDonald, Kathleen <[Kathleen.Mcdonald@dfo-mpo.gc.ca](mailto:Kathleen.Mcdonald@dfo-mpo.gc.ca)>; Cadeau, Jennifer <[Jennifer.Cadeau@dfo-mpo.gc.ca](mailto:Jennifer.Cadeau@dfo-mpo.gc.ca)>  
**Cc:** Melanson, Simon <[Simon.Melanson@dfo-mpo.gc.ca](mailto:Simon.Melanson@dfo-mpo.gc.ca)>; Folkins, Susan <[Susan.Folkins@dfo-mpo.gc.ca](mailto:Susan.Folkins@dfo-mpo.gc.ca)>; Peramaki, Liisa <[Liisa.Peramaki@dfo-mpo.gc.ca](mailto:Liisa.Peramaki@dfo-mpo.gc.ca)>; Vigneault, Bernard <[Bernard.Vigneault@dfo-mpo.gc.ca](mailto:Bernard.Vigneault@dfo-mpo.gc.ca)>; Ramirez Sanchez, Saudiel <[Saudiel.RamirezSanchez@DFO-MPO.GC.CA](mailto:Saudiel.RamirezSanchez@DFO-MPO.GC.CA)>  
**Subject:** RE: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Good afternoon John,

In response to your phone message asking for a status update for Jaime on the PCR, it has been signed off by the DG EOS (see attached) and I believe, from the e-mail below, to be on its way to Simon Melanson.

Katie and/or Jennifer could you please advise. Thanks!

Sherry

Sherry E. H. Niven, Ph.D.

Manager, Ocean and Ecosystem Sciences Division | Gestionnaire, Division des sciences de l'écosystème et de la mer  
Maritimes Region | Région des Maritimes  
Fisheries and Oceans Canada | Pêches et Océans Canada  
Bedford Institute of Oceanography | Institut Océanographique de Bedford  
P.O. Box 1006 | C.P. 1006  
Dartmouth, NS B2Y 4A2 | Dartmouth, N-E B2Y 4A2  
[sherry.niven@dfo-mpo.gc.ca](mailto:sherry.niven@dfo-mpo.gc.ca)  
Tel|Tél: (902) 426-8366  
Cell| Tél cell: (902) 225-6005  
Government of Canada | Gouvernement du Canada

**From:** McDonald, Kathleen <[Kathleen.Mcdonald@dfo-mpo.gc.ca](mailto:Kathleen.Mcdonald@dfo-mpo.gc.ca)>  
**Sent:** Tuesday, May 14, 2019 4:44 PM  
**To:** Ramirez Sanchez, Saudiel <[Saudiel.RamirezSanchez@DFO-MPO.GC.CA](mailto:Saudiel.RamirezSanchez@DFO-MPO.GC.CA)>  
**Cc:** Melanson, Simon <[Simon.Melanson@dfo-mpo.gc.ca](mailto:Simon.Melanson@dfo-mpo.gc.ca)>; Cadeau, Jennifer <[Jennifer.Cadeau@dfo-mpo.gc.ca](mailto:Jennifer.Cadeau@dfo-mpo.gc.ca)>; Folkins, Susan <[Susan.Folkins@dfo-mpo.gc.ca](mailto:Susan.Folkins@dfo-mpo.gc.ca)>; Peramaki, Liisa <[Liisa.Peramaki@dfo-mpo.gc.ca](mailto:Liisa.Peramaki@dfo-mpo.gc.ca)>; Vigneault, Bernard

<Bernard.Vigneault@dfo-mpo.gc.ca>; Niven, Sherry <Sherry.Niven@dfo-mpo.gc.ca>

**Subject:** FW: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Hi Saudiel,

If you could please direct all PCR's to Jennifer Cadeau (cc'd here). Jen could you please action.

Thank you!

Katie

**From:** Cadeau, Jennifer <Jennifer.Cadeau@dfo-mpo.gc.ca>

**Sent:** May-14-19 12:59 PM

**To:** McDonald, Kathleen <Kathleen.Mcdonald@dfo-mpo.gc.ca>

**Subject:** RE: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Oops I forgot to mention – feel free to direct them my way.

**From:** McDonald, Kathleen <Kathleen.Mcdonald@dfo-mpo.gc.ca>

**Sent:** Tuesday, May 14, 2019 12:18 PM

**To:** Cadeau, Jennifer <Jennifer.Cadeau@dfo-mpo.gc.ca>

**Cc:** Bertorelli, John <John.Bertorelli@dfo-mpo.gc.ca>; Melanson, Simon <Simon.Melanson@dfo-mpo.gc.ca>

**Subject:** FW: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

**Importance:** High

Hi Jen,

Should this not be routed through you first? Please let me know what you would like me to do with this.

Katie

**From:** Ramirez Sanchez, Saudiel <Saudiel.RamirezSanchez@DFO-MPO.GC.CA>

**Sent:** May-14-19 12:10 PM

**To:** Melanson, Simon <Simon.Melanson@dfo-mpo.gc.ca>

**Cc:** Folkins, Susan <Susan.Folkins@dfo-mpo.gc.ca>; Peramaki, Liisa <Liisa.Peramaki@dfo-mpo.gc.ca>; Vigneault, Bernard <Bernard.Vigneault@dfo-mpo.gc.ca>; Peramaki, Liisa <Liisa.Peramaki@dfo-mpo.gc.ca>; Niven, Sherry <Sherry.Niven@dfo-mpo.gc.ca>

**Subject:** FW: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

**Importance:** High

Hi Simon, Susan Folkins requested to send you the ESD DG approved Project Changed Request (attached).

Thanks,

Saudiel Ramirez Sanchez, PhD

Tel: 613 990-7076

**From:** MAR RD Science Office / Bureau du DR de Science MAR (DFO/MPO) <DFO.MAR.RDScienceOffice-BureauduDRdeScience.MAR.DFO@dfo-mpo.gc.ca>

**Sent:** Monday, May 13, 2019 1:07 PM

**To:** Ramirez Sanchez, Saudiel <Saudiel.RamirezSanchez@DFO-MPO.GC.CA>



**Cc:** Peramaki, Liisa <[Liisa.Peramaki@dfo-mpo.gc.ca](mailto:Liisa.Peramaki@dfo-mpo.gc.ca)>

**Subject:** RE: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Good afternoon Saudiel,

From my understanding, Page 3 holds the list of Requested Approvals. I have both Alain and Kerri signature on this document and now submitting to you for Bernard Vigneault for both review and signature.

Upon completion, please scan and email a signed copy to Simon Melanson, who is listed next on the document. Also, you may want to cc Sherry Niven for her records as well.

Thank you  
Susan

Susan Folkins

Executive Assistant, Maritimes Science Branch, Regional Director's Office  
Fisheries and Oceans Canada / Government of Canada  
[Susan.Folkins@dfo-mpo.gc.ca](mailto:Susan.Folkins@dfo-mpo.gc.ca) / Tel: 902-426-3490 / Fax: 902-426-8484

Assistant exécutif, Direction générale des sciences Maritimes, Bureau du directeur régional  
Pêches et Océans Canada / Gouvernement du Canada  
[Susan.Folkins@dfo-mpo.gc.ca](mailto:Susan.Folkins@dfo-mpo.gc.ca) / Tél. : 902-426-3490 / Télécopieur : 902-426-8484



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du Canada

Canada

**From:** Ramirez Sanchez, Saudiel <[Saudiel.RamirezSanchez@DFO-MPO.GC.CA](mailto:Saudiel.RamirezSanchez@DFO-MPO.GC.CA)>

**Sent:** Monday, May 13, 2019 2:00 PM

**To:** MAR RD Science Office / Bureau du DR de Science MAR (DFO/MPO) <[DFO.MAR.RDSscienceOffice-BureauduDRdeScience.MAR.DFO@dfo-mpo.gc.ca](mailto:DFO.MAR.RDSscienceOffice-BureauduDRdeScience.MAR.DFO@dfo-mpo.gc.ca)>

**Cc:** Peramaki, Liisa <[Liisa.Peramaki@dfo-mpo.gc.ca](mailto:Liisa.Peramaki@dfo-mpo.gc.ca)>; Niven, Sherry <[Sherry.Niven@dfo-mpo.gc.ca](mailto:Sherry.Niven@dfo-mpo.gc.ca)>

**Subject:** RE: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

Hi Susan, can you please tell me to whom and by when this needs to be submitted after Bernard reviews/signs off?

Liisa, is there any additional information Bernard needs to review/approve?

Thanks,

Saudiel Ramirez Sanchez, PhD  
Tel: 613 990-7076

**From:** MAR RD Science Office / Bureau du DR de Science MAR (DFO/MPO) <[DFO.MAR.RDSscienceOffice-BureauduDRdeScience.MAR.DFO@dfo-mpo.gc.ca](mailto:DFO.MAR.RDSscienceOffice-BureauduDRdeScience.MAR.DFO@dfo-mpo.gc.ca)>

**Sent:** Monday, May 13, 2019 12:20 PM

**To:** Ramirez Sanchez, Saudiel <[Saudiel.RamirezSanchez@DFO-MPO.GC.CA](mailto:Saudiel.RamirezSanchez@DFO-MPO.GC.CA)>

**Cc:** Peramaki, Liisa <[Liisa.Peramaki@dfo-mpo.gc.ca](mailto:Liisa.Peramaki@dfo-mpo.gc.ca)>; Niven, Sherry <[Sherry.Niven@dfo-mpo.gc.ca](mailto:Sherry.Niven@dfo-mpo.gc.ca)>

**Subject:** FW: OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

**Importance:** High

Good afternoon,

Please see attached signed OPP Project Change Request approved by both Alain Vezina and Kerri Graham.

Thank you  
Susan

s.21(1)(b)

Susan Folkins

Executive Assistant, Maritimes Science Branch, Regional Director's Office  
Fisheries and Oceans Canada / Government of Canada  
[Susan.Folkins@dfo-mpo.gc.ca](mailto:Susan.Folkins@dfo-mpo.gc.ca) / Tel: 902-426-3490 / Fax: 902-426-8484

Assistant exécutif, Direction générale des sciences Maritimes, Bureau du directeur régional  
Pêches et Océans Canada / Gouvernement du Canada  
[Susan.Folkins@dfo-mpo.gc.ca](mailto:Susan.Folkins@dfo-mpo.gc.ca) / Tél. : 902-426-3490 / Télécopieur : 902-426-8484



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Canada

**From:** Niven, Sherry <[Sherry.Niven@dfo-mpo.gc.ca](mailto:Sherry.Niven@dfo-mpo.gc.ca)>

**Sent:** Thursday, May 9, 2019 12:40 PM

**To:** Vézina, Alain <[Alain.Vezina@dfo-mpo.gc.ca](mailto:Alain.Vezina@dfo-mpo.gc.ca)>

**Cc:** Graham, Kerri <[Kerri.Graham@dfo-mpo.gc.ca](mailto:Kerri.Graham@dfo-mpo.gc.ca)>; [bernard.vigneault@canada.ca](mailto:bernard.vigneault@canada.ca); Peramaki, Liisa <[Liisa.Peramaki@dfo-mpo.gc.ca](mailto:Liisa.Peramaki@dfo-mpo.gc.ca)>; Goit, Monique <[Monique.Goit@dfo-mpo.gc.ca](mailto:Monique.Goit@dfo-mpo.gc.ca)>; Moore, Wayne <[Wayne.Moore@dfo-mpo.gc.ca](mailto:Wayne.Moore@dfo-mpo.gc.ca)>; Vollrath, Jennifer <[Jennifer.Vollrath@dfo-mpo.gc.ca](mailto:Jennifer.Vollrath@dfo-mpo.gc.ca)>; Caceres, Jaime <[Jaime.Caceres@dfo-mpo.gc.ca](mailto:Jaime.Caceres@dfo-mpo.gc.ca)>; Bertorelli, John <[John.Bertorelli@dfo-mpo.gc.ca](mailto:John.Bertorelli@dfo-mpo.gc.ca)>; Brown, Ellen <[Ellen.Brown@dfo-mpo.gc.ca](mailto:Ellen.Brown@dfo-mpo.gc.ca)>; Rol, Tara M <[Tara.Rol@dfo-mpo.gc.ca](mailto:Tara.Rol@dfo-mpo.gc.ca)>; St-Laurent, Bob <[Bob.St-Laurent@dfo-mpo.gc.ca](mailto:Bob.St-Laurent@dfo-mpo.gc.ca)>; MAR RD Science Office / Bureau du DR de Science MAR (DFO/MPO) <[DFO.MAR.RDScienceOffice-BureauduDRdeScience.MAR.DFO@dfo-mpo.gc.ca](mailto:DFO.MAR.RDScienceOffice-BureauduDRdeScience.MAR.DFO@dfo-mpo.gc.ca)>

**Subject:** OPP Project Change Request NO: 8P220-2-002 / 8X410-2-001

**Importance:** High

Good afternoon Alain,

The OPP Project Change Request form to increase our OPP budgets (MEQ and Fate and Behaviour) by \$300,000 to complete the [REDACTED] required for the Gulf of Saint Lawrence charter is attached for your approval and submission to Kerri Graham, as OPP lead for Maritimes.

The form has been completed as requested by Jaime Caceres and with guidance from the OPP Secretariat. Many thanks Jaime, Ellen, and John!

After sign-off in the region, it needs DG sign-off. Liisa, could you please brief Bernard since it is his first day on the job?

Please let me know if you have any questions,

Sherry

Sherry E. H. Niven, Ph.D.

Manager, Ocean and Ecosystem Sciences Division | Gestionnaire, Division des sciences de l'écosystème et de la mer  
Maritimes Region | Région des Maritimes  
Fisheries and Oceans Canada | Pêches et Océans Canada  
Bedford Institute of Oceanography | Institut Océanographique de Bedford  
P.O. Box 1006 | C.P. 1006  
Dartmouth, NS B2Y 4A2 | Dartmouth, N-E B2Y 4A2  
[sherry.niven@dfo-mpo.gc.ca](mailto:sherry.niven@dfo-mpo.gc.ca)  
Tel|Tél: (902) 426-8366  
Cell| Tél cell: (902) 225-6005  
Government of Canada | Gouvernement du Canada

## DFO-CCG Project Change Request

Financial	Current Year (CYBA) Adjustment (\$000's)								
	Current			New			Delta		
	Vote 1	Vote 5	Vote 10	Vote 1	Vote 5	Vote 10	Vote 1	Vote 5	Vote 10
	CCG ATL								
CCG C & A									
CCG NCR									
CCG WES									
DFO C&A									
DFO GULF									
DFO MARI	\$419,900 (8P220)			\$569,900 (8P220)			\$150,000 (8P220)		
	\$850,000 (8X410)			\$800,000 (8X410)			\$150,000 (8X410)		
DFO NFLD									
DFO QC									
DFO PAC									
NATIONAL									
Contingency									
Current FY + 1									
Current FY + 2									
Future Years									
Note: \$150,000 coded to each project – Vote 1 funds.									
Risk	Please see attached Annex A								
Integrated Logistic Support	N/A								
Contractual	Please see attached Annex A								
Program Delivery	Please see attached Annex A								
Scope	Please see attached Annex A								
Other	Please see attached Annex A								
Configuration Change	Is the work described in this PCR subject to the CCR Process? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   CCR Registration Number: (YYYY-###)								

## DFO-CCG Project Change Request

**PROJECT CHANGE REQUEST NO: 8P220-2-002 / 8X410-2-001**

Date:	May 2, 2019
Project Code:	8P220 / 8X410
Project Title:	Marine Environmental Quality and Fate and Behaviour Projects
Region/Sector/Directorate:	Maritimes-Science (EOS)
Work Breakdown Structure Element(s):	N/A
Requested By:	Sherry Niven, Manager, EOS

### Identification:

Change Title:	Gulf of Saint Lawrence Vessel Charter		
Description of Change:	Please see attached Annex A		
Justification:	Please see attached Annex A		
Is this a request to access project Contingency funding?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is this a CARRY FORWARD request?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Type Of Change:	<b>Arising</b> <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Major	<b>New Work</b> <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Major	<b>Must select one:</b> <input checked="" type="checkbox"/> National Budget Increase/Decrease <input type="checkbox"/> Internal Budget Reallocation(within project) <input type="checkbox"/> Schedule <input type="checkbox"/> Other (i.e. scope change only, no budget adjust)
Change Priority:	<input type="checkbox"/> Low	<input type="checkbox"/> Medium	<input checked="" type="checkbox"/> High

### Impacts:




Background	Please see attached Annex A
Technical	Please see attached Annex A
Performance	Please see attached Annex A
Schedule	Please see attached Annex A

# DFO-CCG Project Change Request

## Recommendation:

Recommended Action:	Approval
Action Due Date:	ASAP
Recommended By:	Sherry Niven, Ocean Ecosystem Sciences Division Manager, Science Branch, Maritimes

## Approval:

<input checked="" type="checkbox"/> Recommended <input type="checkbox"/> Not Recommended <input type="checkbox"/> See Comments	Alain Vézina Regional Director Science, Maritimes Region	 MAY 10 2019
OPP SECRETARIAT		
Finance Analyst	Change Cost Analyst	Project Management Lead
<input checked="" type="checkbox"/> Recommended <input type="checkbox"/> Not Recommended <input type="checkbox"/> See Comments	Kerri Graham Regional OPP Director of Maritimes Region	 MAY 13 2019
<input type="checkbox"/> Recommended <input type="checkbox"/> Not Recommended <input type="checkbox"/> See Comments	Bernard Vigneault Director General Ecosystem Science Directorate	 2019.05.14
<input type="checkbox"/> Approved <input type="checkbox"/> Not Approved <input type="checkbox"/> Deferred <input type="checkbox"/> See Comments	Simon Melanson Senior Director, Implementation Management and Change Leadership	
Comments		
<input type="checkbox"/> Approved <input type="checkbox"/> Not Approved <input type="checkbox"/> Deferred <input type="checkbox"/> See Comments	Jaime Caceres Director General, Oceans Protection Plan	
Comments		
<input type="checkbox"/> Approved <input type="checkbox"/> Not Approved <input type="checkbox"/> Deferred <input type="checkbox"/> See Comments	Mario Pelletier* Deputy Commissioner, Operations (*If required)	
Comments		

**Pages 151 to / à 153  
are duplicates of  
sont des duplicatas des  
pages 112 to / à 114**

## Look Ahead for the 2019 CCGS *Hudson* Field Season

Updated: 27 May 2019

According to the preliminary CCG planning schedule, the next CCGS *Hudson* Vessel Life Extension (VLE) phase II is scheduled to start in December 2018 and end in June 2019. There are currently six science missions that are confirmed affected by the 2019 *Hudson* VLE. Given the lessons learned from 2017 and the extent of the refit planned for 2019, the short-term strategy proposed to mitigate risks to departmental outcomes the Ecosystems and Oceans Science Sector undertook the re-profiling of the entire 2019 CCGS *Hudson* science programming on alternative vessels (CCG vessel and charters).

Table 1: 2019 DFO Science missions to be re-profiled due to the uncertainty/unavailability of the CCGS *Hudson* during Phase II of the Vessel Life Extension

Mission	Current Strategy
<b>Spring Atlantic Zone Monitoring Program (AZMP) – Maritimes Region</b> <ul style="list-style-type: none"> <li>Annually scheduled from April to mid-May on CCGS <i>Hudson</i> (■■■ days)</li> <li>The Maritimes Region AZMP is part of the larger AZMP survey program carried out jointly with all the DFO Atlantic Regions.</li> <li>See Annex 3 for study area.</li> </ul>	<b>Procurement Status:</b> <ul style="list-style-type: none"> <li>Followed RFP process on Buy and Sell.</li> <li>Science mission was conducted on the private charter vessel Coriolis II operated by REFORMAR.</li> </ul> <b>Mission and Funding Requirements:</b> <ul style="list-style-type: none"> <li>An Oceanographic Research Vessel is required for ■■■ continuous days within the time period of March 15, 2019 to April 30, 2019 at the latest.</li> <li>The current estimated cost of chartering an oceanographic research vessel for a period of ■■■ days is ■■■ CAD (excl. GST/HST).</li> <li>Chartering cost for this mission would be covered using the carry over (\$3.8M) from the funds transferred to EOS by CCG for the 2017 <i>Hudson</i> Charters.</li> </ul>
<b>Atlantic Zone Off-Shelf Monitoring Program (AZOMP) – Maritimes Region</b> <ul style="list-style-type: none"> <li>Annually scheduled in May-June on CCGS <i>Hudson</i> (■■■ days)</li> <li>See Annex 3 for study area.</li> </ul>	<b>Procurement Status:</b> <ul style="list-style-type: none"> <li>Followed RFP process on Buy and Sell.</li> <li>Clarification from the bidder was received and resulted in the vessel passing the written Technical Group Evaluation.</li> <li>The vessel was inspected on 11 September 2018 and did not meet the mandatory technical requirements.</li> <li>Ship time was requested and approved by the Amundsen Science User Board and the Amundsen Science Executive Board for the CCGS Amundsen</li> <li>Science is currently conducting mobilization activities</li> </ul> <b>Mission and Funding Requirements:</b> <ul style="list-style-type: none"> <li>An Oceanographic Research Vessel is required for a period of ■■■ continuous days within the time period of May 1, 2019 up to June 15, 2019 at the latest.</li> </ul>



s.21(1)(b)

	<ul style="list-style-type: none"> <li>The current estimated cost of chartering an oceanographic research vessel for a period of █ days is █ CAD (excl. GST/HST).</li> <li>Chartering cost for this mission would be covered using the carry over (\$3.8M) from the funds transferred to EOS by CCG for the 2017 <i>Hudson</i> Charters.</li> </ul>
<b>Fall Atlantic Zone Monitoring Program (AZMP) – Maritimes Region</b> <ul style="list-style-type: none"> <li>The fall Maritimes AZMP time window is usually mid-Sept to mid-Oct.</li> <li>The Maritimes Region AZMP is part of the larger AZMP survey program carried out jointly with all the DFO Atlantic Regions.</li> <li>See Annex 3 for study area.</li> </ul>	<b>Procurement Status:</b> <ul style="list-style-type: none"> <li>Based on the Statement of Work (SOW) from 2017, the Fall Maritimes AZMP Mission will be developed in collaboration between NCR and the Maritimes Region.</li> <li>The SOW will also incorporate comments received from potential bidders/vessel operators at the Science Vessel Charter Information Session held on February 28.</li> <li>The Spring 2019 Maritimes AZMP mission RFP also includes an option for this mission.</li> </ul>
<b>Gulf Monitoring Program – Quebec Region AZMP</b> <ul style="list-style-type: none"> <li>The Gulf Monitoring Program (QC AZMP) time window is usually mid-Oct to early-Nov, but has been conducted as late as December.</li> <li>The Quebec Region AZMP is part of the larger AZMP survey program carried out jointly with all the DFO Atlantic Regions.</li> <li>See Annex 3 for study area.</li> </ul>	<b>Procurement Status:</b> <ul style="list-style-type: none"> <li>Based on the Statement of Work (SOW) from 2017, a Statement of Work (SOW) for the Fall Gulf of St. Lawrence AZMP Mission will be developed in collaboration between NCR and the Quebec Region.</li> <li>The SOW will also incorporate comments received from potential bidders/vessel operators at the Science Vessel Charter Information Session held on February 28.</li> <li>Procurement is working on issuing an ACAN to Reformar for the Coriolis II.</li> </ul>
<b>Newfoundland Oceanography Monitoring Program – Newfoundland &amp; Labrador Region AZMP</b> <ul style="list-style-type: none"> <li>The Newfoundland Oceanography Monitoring Program (NFLD AZMP) time window is usually mid-Nov to early-Dec.</li> <li>The NL Region AZMP is part of the larger AZMP survey program carried out jointly with all the DFO Atlantic Regions.</li> <li>See Annex 3 for study area.</li> </ul>	<b>Procurement Status:</b> <ul style="list-style-type: none"> <li>Based on the Statement of Work (SOW) from 2017, a Statement of Work (SOW) for the Fall Newfoundland and Labrador AZMP Mission will be developed in collaboration between NCR and the N&amp;L Region.</li> <li>The SOW will also incorporate comments received from potential bidders/vessel operators at the Science Vessel Charter Information Session held on February 28.</li> <li>A collaborative agreement has been drafted with the National Oceanographic Centre from the United Kingdom. An exchange of expertise while using the RSS <i>James Cook</i> from the UK.</li> </ul>

## King, Randy K

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**From:** Virc, Stephen  
**Sent:** Thursday, May 30, 2019 9:53 AM  
**To:** Redican, Anthony; Higdon, Jennifer J  
**Cc:** King, Randy K; Vollrath, Jennifer  
**Subject:** FW: Please stand by - QP card - Hudson  
**Attachments:** Science Vessels ADMO 2.doc; Condition of the Fleet Renewal of the Fleet - Apr 29.doc

See attached

**From:** Northcott, Jennifer <Jennifer.Northcott@dfo-mpo.gc.ca>  
**Sent:** Thursday, May 30, 2019 8:41 AM  
**To:** Virc, Stephen <Stephen.Virc@dfo-mpo.gc.ca>; Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>  
**Cc:** McGill, Stephanie <Stephanie.McGill@dfo-mpo.gc.ca> s.19(1)  
**Subject:** RE: Please stand by - QP card - Hudson

Thanks. Still waiting to hear if anything is actually required (ie: update to a current card, an entirely new card or nothing at all).

In case it helps, I attached the Issues Note we prepared for the Supps B this past winter and the most recent CCG QP card. Also, below is the response we provided [REDACTED] yesterday afternoon.

- Fisheries and Oceans Canada has made arrangements to deliver our science at-sea missions on alternative vessels; through both the Canadian Coast Guard and private charters.

Jen

**From:** Virc, Stephen <Stephen.Virc@dfo-mpo.gc.ca>  
**Sent:** May-30-19 8:33 AM  
**To:** Northcott, Jennifer <Jennifer.Northcott@dfo-mpo.gc.ca>; Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>  
**Subject:** RE: Please stand by - QP card - Hudson

We're working on it.

**From:** Northcott, Jennifer <Jennifer.Northcott@dfo-mpo.gc.ca>  
**Sent:** Thursday, May 30, 2019 8:18 AM  
**To:** Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>; Virc, Stephen <Stephen.Virc@dfo-mpo.gc.ca>; Vollrath, Jennifer <Jennifer.Vollrath@dfo-mpo.gc.ca>  
**Cc:** McGill, Stephanie <Stephanie.McGill@dfo-mpo.gc.ca>; Lewis, Valerie <Valerie.Lewis@dfo-mpo.gc.ca>; Charbonneau, France <France.Charbonneau@dfo-mpo.gc.ca>  
**Subject:** Please stand by - QP card - Hudson

Good morning. Please be at the ready this morning in case we need to update a QP card on the Hudson. I will let you know as soon as I hear back from Parl Affairs.

Jen

**From:** Northcott, Jennifer <jennifer.northcott@dfo-mpo.gc.ca>  
**Sent:** May-30-19 8:07 AM  
**To:** Denis, Joanne <Joanne.Denis@dfo-mpo.gc.ca>  
**Cc:** McGill, Stephanie <Stephanie.McGill@dfo-mpo.gc.ca>; Ferguson, Peter <Peter.Ferguson@dfo-mpo.gc.ca>  
**Subject:** One item to flag - EOS

Hi Joanne.

There is an article (below) on us having to charter vessels for science surveys this fall (east coast) due to work being done on the Hudson. I believe there is a card (either CCG or EOS-led) that talks about ship capacity and the impacts on science. I will tell our folks to stand-by. Please let me and Stephanie know what is needed

**(1) Oldest ship in Canadian Coast Guard fleet out of action until 2020**  
CBC News, May 30, 2019

For the second time in three years, Canada is hiring private charters to help carry out its fall oceanographic science missions on the East Coast because the oldest ship in the Canadian Coast Guard fleet is undergoing a refit to prolong its life.

Sent from my BlackBerry 10 smartphone on the Bell network.

s.19(1)

## **SCIENCE VESSELS**

- DFO's science program works closely with the Canadian Coast Guard to deliver 2600 days at-sea, on 14 research vessels, in support of departmental science priorities.
- We are also working closely with the Canadian Coast Guard to inform the construction of the three new Offshore Fisheries Science Vessels and the new Offshore Ocean Science Vessel.
- In cases where a vessel is not available for science work due to maintenance or other issues, we work with the Canadian Coast Guard to move the program to other vessels, re-profile science activities, or, if needed, charter a vessel to deliver the program.
- We work proactively with procurement officials and the Canadian Coast Guard to identify appropriate charter vessels when required.

### **IF PRESSED ON THE CCGS HUDSON AND SEAWORTHINESS:**

- It is a matter for the regulator, Transport Canada, to determine if a vessel is safe to go to sea. If any vessel is not available due to maintenance or other issues, we work with the Canadian Coast Guard (CCG) to move the program to other vessels, re-profile it, or, if needed, charter a vessel to deliver the program.

### **IF PRESSED ON THE CCGS SIR JOHN FRANKLIN:**

- As a result of an incident dated March 22, 2019, the vessel sustained damages and will undergo repairs at the Seaspan Careen floating dry dock. The Vancouver Shipyard has filed a Marine Occurrence Report to Transport Canada and a full investigation is underway. At this time, it is too early to determine if the delivery date of June 2019 will be affected.

## **BACKGROUND**

Research vessels play an important role in gathering data about the state of our oceans and their resources.

The Canadian Coast Guard supports DFO's science and to that end, provides annually 2600 days at-sea to our scientists and their partners to conduct their invaluable research.

Priority for ship-time is given to areas where DFO has legislative or regulatory responsibilities, such as providing science-based advice for policy and decision making for sustainable fisheries, marine conservation and conducting hydrographic surveys to ensure the safety of mariners.

Where CCG vessels are not available, and as needed, we make use of charters or alternate arrangements to achieve our goals. DFO has developed a mitigation strategy for securing vessel time when Canadian Coast Guard vessels are unavailable. This includes the development of a Supply Arrangement where potential vessels will be pre-qualified for a wide range of science mission requirements. This process is underway.

#### Charter use:

- We have a multi-year arrangement for a charter to backfill the time previously provided by the *CCGS Ricker*, which has been out of service since 2017. This will continue until the *CCGS Sir John Franklin* enters into service.
- We have used charters to fill in behind extended repair periods for the *CCGS Hudson*.
- We have used Charters to fill in gaps in program as a result of mechanical or other reasons.
- In 2018 (aside from the *Ricker* and the *Hudson*), we lost **242 days** of which 22 were made up by CCG and another 53 via charter (at a cost of \$1.14 million).

The first new OFSV (*CCGS Sir John Franklin*) to replace the *CCGS Ricker*, which has been backfilled by charters since it has been out of service since March 2017, began sea trials in March 2019. During this time, the vessel sustained damage to the hull, rudder and propeller while under operation by the contracted ship crew. A full investigation is underway. At this time, it is too early to determine if the delivery date of June 28, 2019 will be affected. OFSV 2 and OFSV 3 (for the East Coast) are estimated to be delivered [REDACTED]

The construction of the OOSV has been delayed as a re-sequencing plan to construct the first Joint Supply Ship (JSS) before the OOSV has been adopted. A Vessel Life Extension contract for the *CCGS Hudson* was awarded and began in March 2019 in St. John's, NL. We will continue to use charters to fill the gap for the 2019/2020 field season.

**Pages 160 to / à 162**  
**are not relevant**  
**sont non pertinentes**

## D'Amours, Kristen

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**From:** Peramaki, Liisa  
**Sent:** Thursday, May 30, 2019 10:06 AM  
**To:** Nadeau, Simon (NCR); Janidlo, Alison; Goit, Monique  
**Subject:** FW: PCR Approved s.19(1)  
**Attachments:** PCR 8P220-2-002 and 8X410-2-001.pdf s.21(1)(b)

Great news! Funding from OPP Secretariat to cover the charter.

**From:** French, Christopher <Christopher.French@dfo-mpo.gc.ca>  
**Sent:** May-30-19 9:56 AM  
**To:** Vigneault, Bernard <Bernard.Vigneault@dfo-mpo.gc.ca>; Niven, Sherry <Sherry.Niven@dfo-mpo.gc.ca>; Graham, Kerri <Kerri.Graham@dfo-mpo.gc.ca>; Peramaki, Liisa <Liisa.Peramaki@dfo-mpo.gc.ca>  
**Cc:** Caceres, Jaime <Jaime.Caceres@dfo-mpo.gc.ca>; Melanson, Simon <Simon.Melanson@dfo-mpo.gc.ca>; Connors, Nathalie <Nathalie.Connors@dfo-mpo.gc.ca>; Bertorelli, John <John.Bertorelli@dfo-mpo.gc.ca>  
**Subject:** PCR Approved

Good Morning Bernard, Sherry, Liisa and Kerri,

Please find attached approved PCR.

Thanks,

Chris

Chris French  
Senior Policy Advisor, Oceans Protection Plan (OPP) | Conseiller principal en politiques  
du plan de protection des oceans (PPO)  
Fisheries and Oceans Canada and the Canadian Coast Guard (DFO/CCG)  
Pêches et Océans Canada et la Garde cotière canadienne (MPO/GCC)  
BB: 613-404-6951

# DFO-CCG Project Change Request

**PROJECT CHANGE REQUEST NO: 8P220-2-002 / 8X410-2-001**

Date:	May 2, 2019
Project Code:	8P220 / 8X410
Project Title:	Marine Environmental Quality and Fate and Behaviour Projects
Region/Sector/Directorate:	Maritimes-Science (EOS)
Work Breakdown Structure Element(s):	N/A
Requested By:	Sherry Niven, Manager, EOS

## Identification:

Change Title:	Gulf of Saint Lawrence Vessel Charter		
Description of Change:	Please see attached Annex A		
Justification	Please see attached Annex A		
Is this a request to access project Contingency funding?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Is this a CARRY FORWARD request?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Type Of Change:	<u>Arising</u> <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Major	<u>New Work</u> <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Major	<u>Must select one:</u> <input checked="" type="checkbox"/> National Budget Increase/Decrease <input type="checkbox"/> Internal Budget Reallocation(within project) <input type="checkbox"/> Schedule <input type="checkbox"/> Other (i.e. scope change only, no budget adjust)
Change Priority:	<input type="checkbox"/> Low	<input type="checkbox"/> Medium	<input checked="" type="checkbox"/> High

## Impacts:

Background	Please see attached Annex A
Technical	Please see attached Annex A
Performance	Please see attached Annex A
Schedule	Please see attached Annex A



## DFO-CCG Project Change Request

Financial	Current Year (CYBA) Adjustment (\$000's)								
	Current			New			Delta		
	Vote 1	Vote 5	Vote 10	Vote 1	Vote 5	Vote 10	Vote 1	Vote 5	Vote 10
CCG ATL									
CCG C & A									
CCG NCR									
CCG WES									
DFO C&A									
DFO GULF									
DFO MARI	\$418,900 (8P220)			\$559,900 (8P220)			\$150,000 (8P220)		
	\$850,000 (8X410)			\$800,000 (8X410)			\$150,000 (8X410)		
DFO NFLD									
DFO QC									
DFO PAC									
NATIONAL									
Contingency									
Current FY + 1									
Current FY + 2									
Future Years									
Note: \$150,000 coded to each project – Vote 1 funds									
Risk	Please see attached Annex A								
Integrated Logistic Support	N/A								
Contractual	Please see attached Annex A								
Program Delivery	Please see attached Annex A								
Scope	Please see attached Annex A								
Other	Please see attached Annex A								
Configuration Change	Is the work described in this PCR subject to the CCR Process? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes   CCR Registration Number: (YYYY-###)								

## DFO-CCG Project Change Request

### Recommendation:

Recommended Action:	Approval
Action Due Date	ASAP
Recommended By:	Sherry Niven, Ocean Ecosystem Sciences Division Manager, Science Branch, Maritimes

### Approval:

<input checked="" type="checkbox"/> Recommended <input type="checkbox"/> Not Recommended <input type="checkbox"/> See Comments	<p>Alain Vézina Regional Director Science, Maritimes Region</p> <p>OPP SECRETARIAT</p>	<p><i>[Signature]</i> MAY 10 2019</p>
<p><i>Not funds are unavailable at this time to fund requests, PERUW. Expiration for study: 2019-05-15</i></p> <input checked="" type="checkbox"/> Recommended <input type="checkbox"/> Not Recommended <input type="checkbox"/> See Comments	<p><i>J. Cadeau</i> 16.05.2019 Change Cost Analyst</p>	<p><i>Pertorelli</i> 16.05.2019. <i>see finances Comments</i> Project Management Lead</p>
<input checked="" type="checkbox"/> Recommended <input type="checkbox"/> Not Recommended <input type="checkbox"/> See Comments	<p>Keri Graham Regional OPP Director of Maritimes Region</p>	<p><i>K. Graham</i> MAY 13 2019</p>
<input type="checkbox"/> Recommended <input type="checkbox"/> Not Recommended <input type="checkbox"/> See Comments	<p>Bernard Vigneault Director General EOS <i>Ecosystem Science Directorate</i></p>	<p><i>[Signature]</i> 2019-05-14</p>
<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Not Approved <input type="checkbox"/> Deferred <input type="checkbox"/> See Comments	<p><i>S. Melanson</i> Simon Melanson Senior Director, Implementation Management and Change Leadership</p>	<p><i>May 16.2019</i></p>
<p>Comments</p> <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Not Approved <input type="checkbox"/> Deferred <input type="checkbox"/> See Comments	<p><i>[Signature]</i> Jaime Capres Director General, Oceans Protection Plan</p>	<p><i>May 16/19</i></p>
<p>Comments</p> <input type="checkbox"/> Approved <input type="checkbox"/> Not Approved <input type="checkbox"/> Deferred <input type="checkbox"/> See Comments	<p>Mario Pelletier Deputy Commissioner, Operations (*If required)</p>	

**Pages 167 to / à 169  
are duplicates of  
sont des duplicatas des  
pages 112 to / à 114**

s.21(1)(b)

s.69(1)(g) re: (a)

EOS Vessel Budget Forecast FY 2019/20 (RC61012)  
as of June 3, 2019

EOS Funding	EOS Vessel Budget Vessel Maintenance/Refit	Salary	O&M	Totals
		20,670,374	14,092,467	34,762,841
	<b>TOTAL EOS Vessel Budget (RC61012)</b>	<b>20,670,374</b>	<b>18,142,467</b>	<b>38,812,841</b>
CCG FOP	CCG FOP FY 2019/20 (14 vessels) - Salary & O&M (FOP version 4) <sup>1</sup>	-22,255,995	-5,278,263	-27,534,258
	CCG FOP FY 2019/20 (14 vessels) - Fuel (FOP version 4)		-5,273,671	-5,273,671
	Layday Budget - per FOP	1,127,000	-10,551,934	-32,807,929
	SC Collective Agreement - per FOP	592,980		1,127,000
	CCG Maintenance		-4,050,000	592,980
	<b>TOTAL CCG FOP + Maintenance FY2019/20 Costs</b>	<b>-20,536,015</b>	<b>-14,601,934</b>	<b>-35,137,949</b>
Charters	Maritimes Spring AZMP (Hudson Charter [redacted] days) - contract awarded to Reformar <sup>2</sup>	-549,571		
	AZOMP (Hudson Charter) - Scheduled on CCGS Amundsen ([redacted] days + mob and demob)	-1,444,675		
	Whale/COOGER Surveys (incl. OPP requests) - [redacted]			
	Maritimes Fall AZMP (Hudson Charter [redacted] days) - extension awarded to Reformar CANCELLED	0		
	Quebec AZMP (Hudson Charter [redacted] days) - [redacted]			
	NL AZMP (Collaborative Agreement with UK - RSS James Cook)	-980,000		
	<b>Sub Total for Hudson Charters</b>		-2,720,000	
	Ricker Charters (Pacific)		-350,000	
	Baffin Bay / Davis Strait Multispecies Survey (C&A)			
	<b>TOTAL Charter FY2019/20 Costs</b>			
	<b>Remaining EOS Vessel Budget Funds</b>	<b>134,359</b>		
	Salary	134,359		
	Salary converted to O&M at 27% EBP	36,277		
	<b>Remaining EOS Vessel Budget with Salary Converted to O&amp;M</b>	<b>170,636</b>		<b>-3,357,552</b>
Additional Funding	OPP/COOGER Funding for Whale Survey			
	<b>GRAND TOTAL - BALANCE RC61012 - ADM Vessel Budget</b>			<b>-2,657,552</b>

Invoice paid  
Days lost due to mechanical issues (final bill to be revised)  
Increase time on James Cook to recover moorings  
573,625 (Pounds Sterling)  
Permanent Transfer made

NOTES: <sup>1</sup>CCG FOP includes \$5,380,565 for CCGS Hudson though it will be non-operational all field season  
<sup>2</sup> Maritimes Spring AZMP Charter invoice = \$549,571.44 (\$100K funded in FY2018/19)

HUDSON CHARTERS FY 2017/18							Actual (\$K)	
Mission	Number of Days	RFP/Contract Status	Solicitation Number	Mission Status	Vessel (Company)	Budgeted (\$K)	*Incl. HST/GST	
Spring 2017 AZMP		Contract Awarded	FS211-170018	Completed	Coriolus II (Reformar Inc.)		451.7	
Leg 1 Ecology of the Atlantic CHONE/DFO <sup>1</sup>		RFP Cancelled	N/A	Completed	CCGS Martha L. Black		0	
ROPOS - Ecology of the Atlantic Ocean <sup>2</sup>		N/A	N/A	N/A	N/A		55.0	
2017 AZOMP/ Fall AZMP <sup>3</sup>		RFP Cancelled	FS211-170235	AZOMP Cancelled	No charter		0	
Fall 2017 NRCan Geoscience <sup>4</sup>		RFP Cancelled	N/A	Cancelled	No charter		0	
Maritimes Fall AZMP		Contract Awarded	FP802-170205-A	Completed	RV Endeavor (URI)		1,041	
Gulf Monitoring Program (GC AZMP)		Contract Awarded	FP802-170206	Completed	Coriolus II (Reformar Inc.)		829.6	
Newfoundland Oceanography (NFLD AZMP)		Contract Awarded (Converted from Euros)	FP802-170280	Completed	M/V Discovery (Fugro)		822	
TOTAL							3,199.3	

<sup>1</sup> RFP cancelled - mission conducted on CCGS Martha L. Black

<sup>2</sup> ROPOS costs \$14K + E. Kennington \$17,727.68 + DFO-NL \$20,770 + E. Kennington \$2,476.41

<sup>3</sup> RFP cancelled - no vessel met mandatory requirements

<sup>4</sup> RFP cancelled - no vessel available for required time period

s.21(1)(b)



Public Works and Government Services Canada  
Travaux publics et Services gouvernementaux Canada

To: PWGSC Office Code  
A: Code du bureau de TPSGC

9200 - REQUISITION FOR GOODS AND SERVICES AND CONSTRUCTION 9200 - DEMANDE DE BIENS ET DE SERVICES, ET CONSTRUCTION

<b>For Amendment Only</b> <b>Aux fins de modification seulement</b>		Current Funding (including applicable taxes) Financement actuel (incluant les taxes applicables)		Accounting Office Code Code du bureau comptable		Requestion No. - N° de demande Ordering Office Bureau demandeur		Page 1 of 1		PWGSC Use Only TPSGC seulement	
Amend. No. N° de mod.	Increase/Decrease Augmentation/Réduction	Previous Cost Coût antérieur									
Originator - Auteur Malcolm Wyeth/ Ken Fong			Tel. No. - N° de tél. 250-756-7300/7368			Destination			Inspection Authority Responsable de l'inspection		
Address Inquiries To - Adresser toute demande de renseignements à PBS Nanaimo			Tel. No. - N° de tél.						Consignee at Destination Destinataire		
Confirmation with PWGSC Confirmation de TPSGC			Buyer's Name - Nom de l'acheteur						Quality Assurance - Assurance de la qualité		
<input checked="" type="checkbox"/> Telephone - Téléphone			<input type="checkbox"/> FAX						<input type="checkbox"/> DND MDN		
Financial Code(s) - Code(s) financier(s) 00000-000-000-XXXX-00000			Amount - Montant						PWGSC Use Only TPSGC seulement		

Item Article	Reference/Stock No. and Description N° de référence de nomenclature et description	Date Required (YYYY-MM-DD) Demandé pour (AAAA-MM-JJ)	Consignee Code Code du destinataire	U. of I. U. de d.	Quantity Quantité	Estimated Cost Coût estimatif	Qual. Assur. Code d'ass. Code de la qual.	Previous Quantity and Unit Price Quantité et prix unitaire précédents	Previous Contract No. and Date Date et N° du contrat précédent
	Offshore Fisheries Science Vessel charter to conduct surveys of marine fish and invertebrate species in coastal waters off the west Coast of British Columbia and possibly US territorial waters (Washington and Alaska) from April 1, 2018 to March 31, 2019	2018-04-01			208	3224000			
	Offshore Fisheries Science Vessel charter to conduct surveys of marine fish and invertebrate species in coastal waters off the west Coast of British Columbia and possibly US territorial waters (Washington and Alaska) from April 1, 2019 to March 31, 2020.	2019-04-01			208	3328000			

Recommended by - Recommandé par

FIS - SIF

IS REF - REF RI

IS ORG - ORG RI

Dept. No - N° du min.

Special Instructions - Instructions particulières

Security - Sécurité

Does this requisition include security provisions?  
Cette demande comprend-elle des exigences en matière de sécurité?

If yes, is a Security Requirement Check List (SRCL) required?  
Si oui, une liste de vérification des exigences relatives à la sécurité (LVERS) est-elle requise?

☒ No ☐ Yes ☐ Non ☐ Oui

If an SRCL is not required, but the requisition does include security provisions, explain why in the requisition.  
Si une LVERS n'est pas requise, mais que la demande comprend des exigences en matière de sécurité, expliquer la raison dans la demande.  
The Undersigned certifies that this requisition, including any attached SRCL, accurately details the security provisions of this requirement.  
Je, soussigné, certifie que cette demande, y compris toute LVERS, décrit exactement les exigences en matière de sécurité de ce besoin.

Signature (Optional - Facultatif)

Date

Signature (Mandatory - Obligatoire)

Date

Signature (Mandatory - Obligatoire)

Date

PWGSC-TPSGC 9200 (03/2013)

Canada

Survey number	Short Name	Vessel	Duration (days)	Time Window	2018 hourly rate	2018 daily rate	End date	Task Authorization	Anticipated invoice date (survey end plus 1 week)	Anticipated Invoice	Actual Invoice (sans GST)
1	Small-mesh Bottom Trawl	Nordic Pearl					May 20, 2018	1	May 27, 2018		\$261,228
2	Synoptic Bottom Trawl	Nordic Pearl					June 24, 2018	2	July 1, 2018		\$443,178
3	Integrated Pelagics	Nordic Pearl					July 29, 2018	3 (revised)	August 5, 2018		\$417,430
4	Summer Killer Whale/Pacific Hake	Nordic Pearl					August 31, 2018	4	September 7, 2018		\$521,136
5	Winter Killer Whale/Pacific Hake	Frost					March 30, 2019		April 6, 2019		
6	Year of the Salmon	Nordic Pearl					March 31-2949	NA	April 7, 2019		
7	Summer Juvenile Salmon	Sea Crest					June 16, 2018	7	June 23, 2018		\$35,500
8	Summer Strait of Georgia Salmon	Sea Crest					July 4, 2018	8 (revised)	July 11, 2018		\$191,000
9	Fall Strait of Georgia Salmon	Sea Crest					September 29, 2018	9	October 6, 2018		\$242,000
10	Fall Juvenile Salmon	Sea Crest					October 7, 2018	10 (revised)	October 14, 2018		\$36,500
								Total			
										Budget Balance	\$2,779,900

includes July 4 for echosounder calibration estimate

s.20(1)(b)  
s.21(1)(b)